## Kenai Peninsula Borough Board of Equalization Appeal Hearing Packe†

$$
\begin{gathered}
\text { CASE NO. 2022-301 } \\
\text { Judy Kroll } \\
\text { Parcel No(s): } 17429116
\end{gathered}
$$

Tuesday, May 24, 2022 at 10:00 a.m. Betty J. Glick Assembly Chambers, Borough Administration Building, 144 N. Binkley St., Soldotna

## Office of the Borough Clerk

144 N. Binkley Street, Soldotna, Alaska 99669 • (907) 714-2160 • (907) 714-2388 Fax
Johni Blankenship, MMC Borough Clerk

## TAX ASSESSMENT APPEAL HEARING DATE

April 25, 2022

JUDY KROLL
24133 LA HERMOSA AVENUE
HEARING RESCHEDULED TO MAY 24, 2022 AT 10:00 AM

RE: Parcel No(s): 17429116: Owner of Record and Appellant: KROLL RICHARD \& JUDY TRUSTEES OF REVOCABLE TRUST

This is to advise you that the appeal of the assessment of the above referenced property will be considered by the Board of Equalization at the hearing on 5/25/2022 at 8:00 AM

Any additional evidence or documentation you intend to use during the hearing must be received by the Borough Clerk no later than 5:00 p.m. on $\mathbf{5 / 1 0 / 2 0 2 2}$. Your evidence may be mailed, emailed, hand delivered or faxed. Late filed evidence may be denied.

## Resources:

The Kenai Peninsula Borough Code (pertaining to the conduct of the hearing is available at the following web address:
https://library.municode.com/ak/kenai peninsula borough/codes/code of ordinances?nodeld= TIT5REFI CH5.12REPRPEPRTA 5.12.060BOEQPR.

An information packet is also available at:
https://www.kpb.us/images/KPB/CLK/Board of Equalization/Information Packet VALUATION A PPEAL PROCESS.pdf.

2021 Board of Equalization training session:
http://kpb.granicus.com/MediaPlayer.php?view id=1\&clip id=1061.

Any request for remote (video/teleconference) participation must be received by the borough clerk no later than 15 days before the hearing, unless good cause is shown for filing a late request. If your case is called and you are not available we will try reaching you at a later time and if we are still unable to reach you that day, the Board may elect to decide your case based solely on the written material you have presented.

Johni Blankenship, MMC, Borough Clerk
jblankenship@kpb.us

## Tax Year 2022

Real Property Assessment Valuation Appeal Kenai Peninsula Borough Office of the Borough Clerk

144 N. Binkley Street
Soldotna, Alaska 99669-7599
Applications must be postmarked or received at the Office of the Borough Clerk or authorzed office in Homer or Seward by: 5:00 p.m. on March 31, 2022.

Filling Fee: Must be Included with this appeal form.
For Commerclal Property: Please Include Attachment A

Phone: (907) 714-2160
Toll Free: 1-800-478-4441

| HIING FEE BASED ON TOTAL ASSESSED Y AIUE RER PARCE: [Edch parcellaccount oppealed must be accompanied by a separite filing fee and form) |  |
| :---: | :---: |
| - Assessed Value from Assessment Notice | filing Fee |
| Less than \$100,000 | \$30 |
| \$100,000 to \$499,999 | , \$100 |
| \$500,000 to \$1,999,999 | \$200 |
| \$2,000,000 and higher | \$1,000 |

Per KPB 5.12 .050 (B), if the appeal is withdrawn before evidence is due, or if the appellant or agent of the appellant is present for the appellant's hearing before the BOE or participates telephonically pursuant to KPB $5.12 .060\{T)$ then the filling fee shall be fully refunded within 30 days after the hearing date.


Contact information for all correspondence relating to this appeal:

| Malling Address: | 24122 CA HERHOSA AVE, LAGYNA NIGUEL, CA 92677 |  |  |
| :--- | :--- | :--- | :--- |
| Phone (daytime): | $949-495-5634$ | Phone (eveningi: |  |
| Email Address: | rjkroll © Cox.net | $\square$ IAGRETO BE SERVED VIA EMAIL |  |

Value from Assessment Notice: $\$ 290,100$ Appellant's Opinion of Value: \$ $\qquad$
Year Property was Purchased: $\qquad$ Price Paid: $\$$ $\qquad$
Has the property been appralsed by a private fee appraiser within the past 3-years? Has property been advertised FOR SALE within the past 3 -years?


Comparable Sales:

| PARCE NO. | ADDRESS | DATE OF SALE | SALE PRICE |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

THE ONLY GROUNDS FOR APPEAL ARE: UNEQUAL, EXCESSIVE, IMPROPER, OR UNDER VALUATION OF THE PROPERTY (KPB 5.12.050 (E)). Mark reason for appeal and provide a detailed explanation below for your appeal to be valid. (Attach additional sheets as necessary)

X My property value is excessive. (Overvalued)
X My property was valued incorrectly. (Improperly)
$\square$ My property has been undervalued.
7. My property value is unequal to similar properties.

The following are NOT grounds for appeal:
$\rightarrow$ The taxes are too high.
-The value changed too much in one year.

- You cannot afford the taxes.

You must provide specific reasons and provide evidence supporting the item checked above.


Check the following statement that applies to your intentions:
X 1 intend to submit additional evidence within the required time limit of 15 days prior to the hearing date.
$\square$ My appeal is complete. I have provided all the evidence that I intend to submit, and request that my appeal be reviewed based on the evidence submitted.

Check the following statement that applies to who is filing this appeal:
AN
I am the owner of record for the account/parcel number appealed.
$\square$ I am the attorney for the owner of record for the account/parcel number appealed.
$\square$ The owner of record for this account is a business, trust or other entity for which I am an owner or officer, trustee, or otherwise authorized to act on behalf of the entity. I have attached written proof of my authority to act on behalf of this entity (i.e., copy of articles of incorporation or resolution which designates you as an officer, written authorization from an officer of the company, or copy from trust document identifying you as trustee). If you are not listed by name as the owner of record for this account, this is REQUIRED for confirmation of your right to appeal this account.The owner of record is deceased and I am the personal representative of the estate. I have attached written proof of my authority to act on behalf of this individual and/or his/her estate (i.e., copy of recorded personal representative documentation). If you are not listed by name as the owner of record for this account, this is REQUIRED for confirmation of your right to appeal this account.I am not the owner of record for this account, but I wish to appeal on behalf of the owner. I have attached a notarized Power of Attorney document signed by the owner of record. If you are not listed by name as the owner of record for this account, this is REQUIRED for confirmation of your right to appeal this account.

Oath of Appellant: I hereby affirm that the foregoing information and any additional information that I submit is true and correct.



Return to: GRANTEE
C. MCHAEL HOUGH Attorney of Lam 3091 Ben Whitratine. 5 San 2 Homer. Alexia 98000 TH (807) 2SSA1AA fax ( 1907 ) 88-2420

## STATUTORY WARRANTY DEED

THIS INDENTURE, made this 12th_ day of September _1996, by and between ROBERT B. TURKINGTON, a married man, whose address is PO Box 1274, Homer, AK 99603, Granter, and RICHARD KROLL and JUDY KROLL, Trustees of that certain REVOCABLE TRUST dated November 30, 1995, whose address is 24122 La Hermosa, Laguna Niguel, CA 92677, Grantees, WITNESSETH:

That the said Granter, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other good and valuable consideration in hand paid, conveys and warrants to Grantees, and to Grantees' successors and assigns, the following described real property located near Homer, Alaska, to wit:

Tract One (1), KACHEMAK ESTATES NO. 9, according to Plat No. 95-20, in the Homer Recording District, Third Judicial District, State of Alaska;

SUBJECT TO all reservations, restrictions, encumbrances and easements of record or ascertainable by physical inspection, if any;

SAVE AND EXCEPT THEREFROM and reserving unto Granter all oil, gas and mineral rights to the above described real property;

TOGETHER WITH all and singular the tenements, hereditaments and appurtenances thereunto belonging or in anywise appertaining.

TO HAVE AND TO HOLD the same with the appurtenances, unto the said Grantees and to Grantees' successors and assigns, FOREVER.


## STATE OF ALASKA

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)ss.

## THIRD JUDICIAL DISTRICT

THIS IS TO CERT before me, the undersigned, a Notary Public in and for the State of Alaska, duly commissioned and swom as such, personally appeared ROBERT B. TURKINGTON, a married man, known to me and to me known to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he signed and sealed the same freely and voluntarily for the uses and purposes therein described.

IN WITNESS WHEREOF, 1 have hereunto set my hand and official seal the day and year first hercinabove written.


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$\frac{\text { Teig }}{\text { NotSec }}$
total incr 2022
0.64\%

| 88 | 88 |
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| 88 | 8 |
|  | $\infty$ |
|  | ${ }_{6}$ |


\% increase
$2.97 \%$

Kroll
17429116
Morris
17429115

Richard and Judy Kroll
Parcel \# 17429116
Assessment Appeals Hearing May 24, 2022 at 10:00 am AKDT Additional Evidence Submission

1) Copy of letter and photos sent to Assessor Tom Johnson on April 28, 2022 which included a letter to Assessor Steven Carmichael on April 22, 2021 with photos numbered 1 through 16 and detailed descriptions of each photo.
2) Copy of letter and photos sent to Assessor Tom Johnson on April 18, 2022. The first 2 photos will be numbered \#17 and \#18. The remaining eleven photos are explained briefly in the letter. Photo \#18 in the lower right hand corner shows the crazy driveway approach the State of Alaska constructed which does not approach the structures at all but goes back toward the highway!

We are also enclosing the floor area printouts from the assessment Dept. of our 2 smaller structures. \# 19 and \#20 which constitute less than $50 \%$ of our neighbor's dwelling unit. (Parcel \# 17429115)

Photo \#21 depicts the outside steel structure of our neighbor's $2,158 \mathrm{sq}$ ft house (parcel 17429115).

Photo \# 22 depicts the 2550 sq ft steel shop structure also on the neighbor's property (parcel 17429115).

Photo \# 23 depicts the weathered rough cut beetle kill spruce siding of our smaller structure ( 357 sq . ft). It has not been treated in over 10 years. It also depicts the lack of railing on the deck (which is true also of the larger dwelling). Finally the photo also shows a large 2.5 story house blocking a large portion of our view of the mountains. The shed roof house (parcel 17429410) built in 2018/2019 also blocks a good portion of the view of the bay \& mountains from Wasabi restaurant \& outside deck.

Photo \#24 from assessing- sq footage of neighbor's parcel (17429115)

Per your telephonic request yesterday (4/27/22) attached is a copy of the letter and photos sent to Appraiser Carmichael on 4/22/2021, in connection with our previous appeal that year, Since we were outside at the time and could not meet with him personally, he asked if we had any photos of the inside of the properties that we could send to him.

As you will recall when we first spoke with you on April 6, 2022, We offered to forward to you a copy of our letter of 4/22/21 to Steve Carmichael along with the 16 photos sent to him. The letter itself describes what each of the photos depict within the 2 structures.

We were under the very distinct impression from our last conversation on 4/19/2022, that you had ALREADY accessed and viewed the enclosed copied photos, (on file with the assessor's office) as well as the Google earth photo showing the relative sizes of structure improvements on parcel 17429115 and of our parcel 17429116 - and as well as the additional photos forwarded to you on 4/18/2022.

When I spoke with you yesterday, you stated that you had been unable to access Steve Carmichael's email file for "legal reasons".

The upshot and result of Mr.Carmichael's inspection and review of the photos was a reduction in proposed tax assessment of $\$ 287,200$ to $\$ 279,900$. This was a reduction from a proposed $3.91 \%$ increase from 2020 to a 1.27\% overall increase in 2021.

Our issue is the evaluation in assessment of structures with our neighbor. Our understanding from our last conversation with you is that our smallest cabin ( 320 sq ft ) is increased by $5 \%$ because of some mysterious "multiplier" and that our larger structure/ "cottage" ( 625 sq ft ) increased by $14 \%$ ! And our neighbor's $11 / 2$ story home only increased by a mere overall $2 \%$. The Assessor's use of this magical mystical multiplier results in our immediately adjacent property, a 1 and half story radiantly heated steel home of $2,158 \mathrm{sq} . \mathrm{ft}$, including a steel structure of some 2550 square ft being assessed at a mere $0.64 \%$ increase while our structures which combined total 982 square feet - ( less than half the sq. footage of our neighbors) - being assessed at an increase of $3.64 \%$.

Judy Kroll

1


2021 SC
KPB.pdt

April 22, 2021

Steve Carmichael<br>Kenai Peninsula Borough<br>Assessing Department<br>144 N. Binkley St.<br>Soldotna, AK 99669

In response to the letter from your dept received subsequent to $4 / 6 / 21$, paragraph $A$ requests, 1 thru 9: we have none with respect to each numbered request. With respect to Paragraph B-2 the property has not been listed for sale since we acquired it. We bought it for our own enjoyment and that of our extended family and friends who have visited Homer over the years since we have owned it.

In accordance with my telephone conversation with you on April 9 wherein I indicated that although we were currently in California and would not be able to be up there in April, that nontheless we would see if we could forward to you some photos of the interiors of the 2 cabins.

We are forwarding to you herewith by email some 16 photos of the construction of the respective cabins. Photo 1 depicts the post and beam construction (comprised of dead beetle killed spruce) and clipped roof and pony wall of the loft. Picture 2 depicts the relative size of the upper loft comvared to the $16 \times 20 \mathrm{ft}$ footprint of the lower floor. Both the loft and the lower structure utilized tongue and groove pine for the flooring (unlike the larger cabin that was sheeted in plywood for the lower story).

Picture \#3 depicts the pull down stairway to access the upper loft in the smaller cabin, shows the corner fiberglass shower stall in cabin 1, the small 20"apartment size gas stove, the fishnet balcony attached to the loft by $2 \times 4 \mathrm{~s}$ loft railing.

Picture \#4 depicts the lower pine T\& G floor (both upper \& lower \& dining table chairs) as well as fishnet \& $2 \times 4$ railing.

Pic \# 5 shows clipped ceiling, fishnet \& loft $2 \times 4$ railing.
Pic \# 6 another view of kitchen in small cabin before fiberglass corner shower stall installed. Also shows kitchen plumbing (copper) before cabinet door installed and formica counter top formed (formed formica tops are utilized in both cabins).

Pic \#7 depicts the undersized water closet utilized in small cabin
Pic \# 8 depicts the undersized sink for the tiny bath in smaller cabin
Pic \# 9 depicts we weathering of the deck, and rough dead beetle kill siding on larger cabin, which is also of beattle killed dead spruce post, and beam construction.

Pic \# 10 depicts the weathering again back in 2016 of the ramp. \& siding on larger cabin (24$\times 24 \mathrm{ft}$ footprint (inside).

Pic \#11 depicts the interior of larger cabin with formica countertop, linoleum rolled flooring (same linoleum used in bath and formica formed counter top used in bath as well)

Pic \# 11 also depicts the thin $1 / 4^{\prime \prime}$ tongue $\&$ groove soft wood cabinetry made from $1 / 4^{\prime \prime}$ cedar wood.

Pic \# 12 depicts a continuation of kitchen to wall and refridge and dining table. The linoleum is laid directly over the plywood flooring.

Pic \# 13 depicts the relative size of upper loft (approx 2 ft past the midsection of cabin, along with fishnet restraints and $2 \times 4$ railing for upper loft; Also depicts hardwood oak flooring in front part of the cabin (most recently showing some swelling and buckling).

Pic \# 14 shows the existing stairway to upper loft and pony wall at top, with fishnet $\& 2 \times 4$ s.
Pic \#15 shows the upper loft tongue \& grove pine flooring.
Pic \#16 depicts the thin $1 / 4$ " lightweight soft tongue $\&$ grove material all cabinets in larger cabin are constructed with.

The larger cabin has a standard steel tub/shower with linoleum floor. Bathroom countertop is formica (formed).

Both cabins were plumbed with copper.
We have no problem with you peering thru the windows of the cabins if you want.

Very truly yours.








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The 1st 2 photos are taken from google earth and shows the relative sizes of our 2 cabins ( 357 and 625 sq. ft, respectively) compared to the neighboring (17429115) property's 2 structures; house is $2,158 \mathrm{sq} \mathrm{ft}$ and shop is $2,550 \mathrm{sq} \mathrm{ft}$. and driveway length. Our assessment was increased by $3.64 \%$ and neighbor's assessment was only increased by $0.64 \%$. Our cabin were built with salvaged spruce beetle kill, as is the exterior siding. Construction was begun on our cabins in ' 97 and ' 98 respectively \& are approximately 25 years old, and starting to show their weathering The cabins are accessed over a hayfield The cabins have no railing around the deck. There is no plumbed radiant heating in contrast to our neighbors steel structures.

The property was inspected just last year(2021) by Steve Carmichael ( and he was sent by us 16 photos of the interior and a letter describing what each photo depicted), and the assessment was reduced from a total assessment of $\$ 287,200$ to $\$ 279,000$ or a from $3.91 \%$ increase down to a $1.27 \%$ increase from the previous year (2020),

The following photos below show the gravel/crushed rock multi-vehicle pad and part of the over 600 foot length of gravel driveway of a neighboring parcel (17429119), a 3 story 3,567 sq foot luxury hardwood( with walkout basement timber frame house. Attached are also various photos of the interior (complete with spiral staircase) and widows watch atop. As indicated we had occasion to visit relatives who rented the truly amazing property which rented for $\$ 900$ night at a weekly rental last summer. Additional photos depict the railing on the outside, elaborate fine craftsmanship.

Our immediate neighbor's assessment was increased by only $0.64 \%$ this year more in keeping with our reduced assessment last year. We would be satisfied with such a reduction this year. Thank you.

Judy and Richard Kroll








Finished 625
Exterior Features Gross
625
\#20
5
4
4
4
4
1
2
18

$$
\begin{aligned}
& \text { Code - Description } \\
& 1.0 \quad \text { Floor Level }
\end{aligned}
$$






APPELLANT: KROLL, RICHARD \& JUDY
PROPERTY ADDRESS OR GENERALLOCATION:
LEGAL DESCRIPTION:ASSESSED VALUE TOTAL:PARCEL NUMBER: 174-291-1641125 ALAN ST., HOMER AKT 6S R 13W SEC 12 Seward Meridian HM 0950020KACHEMAK ESTATES SUB NO 9 TRACT 1
$\mathbf{\$ 2 9 0 , 1 0 0}$
RAW LAND: ..... \$145,400
SWL (Sewer, Water, Landscaping):
IMPROVEMENTS
ADDITIONS
OUTBUILDINGS:
TOTAL ABOVE GRADE FLOOR AREA:
TOTAL FINISHED LIVING AREA:
\$7,000 CISTERN( $\$ 3,000)$ SEPTIC TANK $(\$ 4,000)$
\$137,700 DRIVE( 22,000 ) R01( $\$ 82,900)$ R02 $(\$ 52,800)$\$\$
Card One, First Level 625 Sq. Ft.
Card One, Basement Unfin. ..... Sq. Ft.
Card Two, First Level 357 Sq. Ft.Sq. Ft.LAND SIZE 4.10 Acres
Card One 625 Sq. Ft. Card Two 357 Sq. Ft.
Card One 625 Sq. Ft. Card Two ..... 357 Sq. Ft.
Card One, Second Level ..... Sq. Ft.
Card One, Basement Finished ..... Sq. Ft.
Card Two Second Level ..... Sq. Ft.
Card Two, Basement Finished Sq. Ft.
GARAGE None
LAND USE AND GENERAL DESCRIPTION

1) Utilities
Electricity: Yes
Water: Private Cistern
Gas: Yes
Sewer: Holding Tank
2) Site Improvements:
Street: GRAVEL
3) Site Conditions
Topography: GENTLY SLOPING
View: Excellent
Drainage: ADEQUATEEasements: Typical for the Kenai Peninsula Borough

ZONING: NONE

The Kenai Peninsula Borough (KPB) Assessing Department uses a Market Adjusted Cost Approach to value residential structures for assessment purposes. This Cost Approach is derived from the property description, quality, size and features and is based upon replacement cost new less deprecation (RCN-D). That value is then adjusted by a statistically tested market adjustment.

According to Property Assessment Valuation, the first step in developing a cost approach is to estimate the land value at its highest and best use. KPB does this by reviewing, analyzing and statistically testing reported land sales in a given market area. That updated land value is then combined with the value of all improvement; and the sum of the two is the assessed value. This application is in accordance with State of Alaska AS 29.45.110.

## Land Comments

The subject property 4.10 acres parcel with an excellent view, electric and gas utility, gravelmaintained road, and no water and sewer utility.
A physical inspection of the land was performed on April $11^{\text {th }} 2022$ by Tom Johnson, Appraiser II and Heather Windsor, Appraiser I.

For the Homer Core Area market area (\#210), 111 sales from the last three years were analyzed. The median ratio for all of the sales is $93.20 \%$ and Coefficient of Dispersion (COD) is $19.67 \%$, all ratios are within acceptable ranges as set by International Association of Assessing Officers (IAAO). This property is being valued fairly and equitably with surrounding like-kind properties.

| Ratio Sum | 106.19 |  | Excluded | 0 |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| Mean | $95.66 \%$ | Earliest Sale 10/11/2018 | \# of Sales | 111 |  |
| Median | $93.20 \%$ | Latest Sale 7/30/2021 | Total AV | $\$$ | $8,947,600$ |
| Wtd Mean | $90.75 \%$ | Outlier Information | Total SP | $\$$ | $9,860,075$ |
| PRD: | 1.05 | Range | 1.5 | Minimum | $38.75 \%$ |
| COD: | $19.67 \%$ | Lower Boundary | $41.19 \%$ | Maximum | $186.00 \%$ |
| St. Dev | 0.2479 | Upper Boundary | $146.31 \%$ | Min Sale Amt | $\$$ |

## Improvement Comments

The subject property has 2 buildings, a 357 sq. ft. cabin and a 625 sq . ft. cottage. The cabin was built in 1997 and the cottage built in 1998 with a quality grade of Fair (F) on both buildings. Previous appeal in 2021, adjustments were made to both R01 and R02 in quality from F+ to F. Appellant has stated that there have been no improvements to structures.

The Appellants refused an interior inspection, per KPB Code 5.12.060(P) ...If appellant has refused or failed to provide the assessor or the assessor's agent full access to property or records related to assessment of the property, upon notice from the assessor to the appellant and the clerk, the appellant shall be precluded from offering evidence on the issue or issues affected by that lack of access.

Appellants states nothing has changed since last year's appeal inspection. An exterior Appeal inspection of the property was performed by Tom Johnson, Appraiser II and Heather Windsor, Appraiser I on April 11th, 2022. After inspection and review, no changes were made to the file.

## Reference

International Association of Assessing Officers. (1996). Property Assessment Valuation Second edition. Chicago: International Association of Assessing Officers.

## RECONCILIATION AND FINAL VALUE CONCLUSION

The Assessing Department requests the Board of Equalization uphold their value recommended below based on the following findings:

1. Subject property is currently valued uniformly and equitably with the surrounding parcels.
2. The Assessing Department completed an onsite physical inspection of the subject property to ensure influences are applied correctly and uniformly to the subject property.
3. The Assessing Department uses standardized mass appraisal procedures and techniques to specify and calibrate market models which are applied uniformly to value property within the borough. The modeled values are statistically tested to ensure a level of accuracy and equity of assessment that meets the guidelines established by the Alaska Association of Assessing Officers and the International Association of Assessing Officers, and in compliance with State Statutes.
4. The Assessing Department reviewed all physical characteristics of the subject property to ensure all data was accurately captured.

## ASSESSOR'S RECOMMENDATION:

## APPELLANT: KROLL, RICHARD \& JUDY

PARCEL NUMBER: 174-291-16

## LEGAL DESCRIPTION: <br> T 6S R 13W SEC 12 Seward Meridian HM 0950020 KACHEMAK ESTATES SUB NO 9 TRACT 1

TOTAL: \$290,100
BOARD ACTION:

LAND: $\qquad$ IMPROVEMENTS: $\qquad$ TOTAL: $\qquad$

## SUBJECT PHOTOS



## SUBJECT PHOTOS



## SUBJECT PHOTOS


$\square$




kenal peninsula borough assessing department

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TAG:
$80-$ KACHEMAK
EXEMPTION INFORM
03/28/2022 Last inspected 04/23/2021 by SCPS; Code: B ; Data Entry by MIS


## DEPARTMENT <br> ASSESSING <br> OROUGH <br> KENAI PENINSULA

 Irsn: 60308
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TAG:
80 - KACHEMAK
EXEMPTION INFORMATION

## LAND DATA AND CALCULATIONS

| 0950020 KACHEMAK | $\begin{array}{l}\text { 2412 LA LERMOSA AVE } \\ \text { LAGUA NGUELL. CA } 9267 \text {-2229 }\end{array}$ |
| :--- | :--- |
| Residential Cabins 2-4 |  |

41125 ALAN ST

## ACRES: 4.10 PRIMARY OWNER

 KROLL RICHARD \&|  | VALUATION RECORD |  |
| ---: | ---: | ---: |
| 2017 | 2018 | 2019 |
| 118,400 | 127,500 | 139,800 |
| 142000 |  |  |
| 1260,400 |  |  |

LAND DATA AND CALCULAIIONS

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$$

Value


ORIGINAL
03/28/2022 Last inspected 04/23/2021 by SCPS; Code: B ; Data Entry by MIS
$\begin{array}{lllll} & \text { R02 } & & \text { 174-291-16 } & \text { 176 } \\ \text { Construction } & \text { BaseArea floor FinArea } & \text { Value } \\ \text { Wood Frame } & 357 & 1.0 & 357 & 35,030\end{array}$
TOTAL BASE $\quad 35,030$

Parcel \# $174-29 /-16 \quad$ Cd \# 1 of 2 InspDate $4 / 11 / 22$ Appraiser $1 / / 4 / \mathrm{L}$ STR. OVERRIDE VALUE



LAND NOTES:


NOTES:
No chanyes made
KENAI PENINSULA BOROUGH FIELD APPRAISAL DATA FORM

| Size Ranges $\rightarrow$ | Cabin $=0.500$ s．f． |  |  |  | Cottage $=501-800$ s．f． |  |  |  | Res．＝801－Infinity |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | mean $=70 \%$ |  | mean $=85 \%$ |  | mean $=100 \%$ |  | mean $=115 \%$ |  | mean $=135 \%$ |  | mean $=165 \%$ |  |
| QUALITY | $\begin{gathered} \text { LOW } \\ 65.75 \% \end{gathered}$ | （\＃） | $\begin{gathered} \text { FAIR } \\ 80-90 \% \\ \hline \end{gathered}$ | （\＃） | AVERAGE 95－105\％ | $\mathbb{\#}$ | $\begin{gathered} \text { GOOD } \\ 110-120 \% \\ \hline \end{gathered}$ | （\＃） | $\begin{aligned} & \text { VERY GOOD } \\ & 125-145 \% \\ & \hline \end{aligned}$ | （\＃） | $\begin{gathered} \text { EXCELLENT } \\ 150-180 \% \end{gathered}$ | （\＃） |
| FLOOR cover | NONE or low grade <br> on subloor（no <br> padding，etc） <br> PON | $\begin{array}{\|l\|} \hline 2.25 \\ 210 \\ 195 \\ \hline \end{array}$ | Below average grade covering on Subfloor | $\begin{array}{\|l\|} \hline 270 \\ \hline 255 \\ 240 \\ \hline \end{array}$ | Average builder－grade floor covering | $\begin{array}{r} 315 \\ 300 \\ 285 \\ \hline \end{array}$ | $10-20 \%$ above average grade floor covering | $\begin{array}{r} 360 \\ 345 \\ 330 \end{array}$ | Very Good，upper－end floor coverings throughoul | $\begin{aligned} & 4.35 \\ & 4.05 \\ & 375 \end{aligned}$ | Excellent high－quality throughout | $\begin{aligned} & 5.40 \\ & 4.95 \\ & 4.50 \end{aligned}$ |
| CABINETS \＆ COUNTER TOPS | NONE or low grade （may be owner－built） | $\begin{array}{\|l\|} \hline 300 \\ 280 \\ 260 \\ \hline \end{array}$ | Below average commercial type | 360 <br> 340 <br> 320 | Average butlder－grade | $\begin{aligned} & 4.20 \\ & 400 \\ & 380 \\ & \hline \end{aligned}$ | Upper end builder－ grade quality（double vanities，etc） | $\begin{aligned} & 480 \\ & 460 \\ & 440 \end{aligned}$ | Very Good cabinets and countertops <br> （double vanities elc） | $\begin{aligned} & 580 \\ & 540 \\ & 500 \\ & \hline \end{aligned}$ | Excellent high－quality throughout | $\begin{aligned} & 7.20 \\ & 660 \\ & 600 \end{aligned}$ |
| KITCHEN APPLIANCES | NONE or low grade ROV only（no dishwasher，etc） | $\begin{aligned} & 2.25 \\ & 2.10 \\ & 1.95 \\ & \hline \end{aligned}$ | Below average builder－grade package | 270 <br> 255 <br> 240 <br> 270 | Average builder－grade package | $\begin{array}{\|l\|} \hline 315 \\ 300 \\ 285 \\ \hline \end{array}$ | Upper end builder－grade package | $\begin{aligned} & 3.60 \\ & 3.45 \\ & 3.30 \end{aligned}$ | Very Good，high quality appliance package | $\begin{aligned} & 435 \\ & 405 \\ & 375 \end{aligned}$ | Excellent high－quality throughout | $\begin{aligned} & 540 \\ & 495 \\ & 450 \end{aligned}$ |
| FIXTURES Plumbing／Lighting | NONE or low grade | $\begin{array}{\|l\|} \hline 225 \\ 210 \\ 1.95 \\ \hline \end{array}$ | Lower grade commertial type fixtures | $\begin{array}{\|c\|} \hline 270 \\ 255 \\ \hline 240 \\ \hline \end{array}$ | Bulder－grade stock item fixtures | $\begin{aligned} & 315 \\ & 300 \\ & 285 \end{aligned}$ | Upper end builder－grade fixtures | $\begin{aligned} & 360 \\ & 345 \\ & 330 \end{aligned}$ | Very Good grade plumbing \＆lighting fixtures throughou： | $\begin{aligned} & 435 \\ & 405 \\ & 375 \\ & \hline \end{aligned}$ | Excellent high－quality throughout | $\begin{aligned} & 540 \\ & 495 \\ & 450 \end{aligned}$ |
| INTERIOR <br> Door／Window Trim | NONE，owner－built or photo firish | $\begin{array}{\|l\|} \hline 150 \\ 1.40 \\ 130 \end{array}$ | Mahogany doors and photo finish trim | $\begin{aligned} & 180 \\ & \hline 1.70 \\ & 1.60 \end{aligned}$ | Average wood doors and trim | $\left.\begin{aligned} & 210 \\ & 200 \\ & 1.90 \end{aligned} \right\rvert\,$ | Above average quality doors and wood trim | $\begin{aligned} & 240 \\ & 230 \\ & 220 \end{aligned}$ | Very Good quality custom doors and sculptured good wood $\qquad$ thim | $\begin{aligned} & 2.90 \\ & 270 \\ & 2.50 \end{aligned}$ | Excellent high－quality． exolic，woods Hand－ <br> finished unique $\qquad$ designs | $\begin{aligned} & 360 \\ & 330 \\ & 300 \end{aligned}$ |
| INTERIOR <br> Partition Walls | NONE or Plywood／OSB | $\begin{aligned} & 7.50 \\ & 7.00 \\ & 6.50 \end{aligned}$ | Below average paneing／sheetroch | 900 <br> 850 <br> 800 | Textured sheetrack and／or average paneling | $\begin{aligned} & 105 \\ & 100 \\ & 950 \end{aligned}$ | Textured sheetrock with good quality wallpaper and／or wood paneling | $\begin{aligned} & 120 \\ & 115 \\ & 110 \end{aligned}$ | High quality wall paper． wood paneling and／or wainscoting，etc | $\begin{aligned} & 145 \\ & 135 \\ & 125 \end{aligned}$ | Excellent high quality wall paper，wood paneing and／or wainscoting，etc | $\begin{aligned} & 180 \\ & 165 \\ & 150 \end{aligned}$ |
| CEILINGS | NONE． <br> Plywood／OSB or below 8＇height | $\begin{aligned} & 375 \\ & 350 \\ & 325 \end{aligned}$ | Acoustic tile or sheetrock and full 8 ＇ ceiling height | 450 425 400 | Textured sheetrock \＆standard $\mathrm{E}^{\prime}$ ceiling height | $\begin{aligned} & \hline 5.25 \\ & 5.00 \\ & 4.75 \end{aligned}$ | Textured sheetrock <br> $9{ }^{\prime \prime}$ or $10^{\circ}$ ceiling height Vaulted or cathedral ceiling | $\begin{aligned} & 600 \\ & 575 \\ & 550 \end{aligned}$ | Same as before but may include good wood paneling on open－beam ceiling | $\begin{aligned} & 7.25 \\ & 675 \\ & 6.25 \end{aligned}$ | Same as before but may be unique in design，detail and effect | $\begin{aligned} & 900 \\ & 825 \\ & 750 \end{aligned}$ |
| WINDOW FENESTRATION | Minimal single－pane low grade sliders or nor－opening | $\begin{aligned} & \hline 150 \\ & 140 \\ & 130 \end{aligned}$ | Smaler than average sliding or crank－out w／storm windows | $-\frac{180}{160}$ | Ample average quality stiding or crank－out thermo pane | $\begin{aligned} & 210 \\ & 200 \\ & 190 \end{aligned}$ | Good quality，larger than average Some round，half－round octagon，etc | $\begin{aligned} & 240 \\ & 230 \\ & 220 \end{aligned}$ | Abundant Very Good <br> quality windows （Low＂E＂reflective． etc） | $\begin{aligned} & 290 \\ & 270 \\ & 250 \end{aligned}$ | Same as before but may be unique in design，detail and effect | $\begin{aligned} & 36.0 \\ & 330 \\ & 300 \end{aligned}$ |
| OVERALL WORKMANSHIP | Low cost，poor quality workmanship and design．Below minimum standard． No design or detaif | $\begin{aligned} & 375 \\ & 350 \\ & 325 \end{aligned}$ | Below average workmanship but meets minimum standards $2 \times 4$ construction Minimal design | 450 425 400 | Average workmanship， meets or exceeds minimum standard $2 \times 6$ construction | $\begin{aligned} & 525 \\ & 500 \\ & 475 \end{aligned}$ | Above average workmanship with some attention to design and detail $2 \times 6$ construction Energy Eff Package | $\begin{aligned} & 600 \\ & 57.5 \\ & 550 \end{aligned}$ | Very Good workman－ ship Good attention to interior refinements and detail，exterior has some custom design and ornamentation | $\begin{array}{r} 725 \\ 675 \\ 62.5 \end{array}$ | Excellent high qualily workman－ ship，finishes and appointments and attention to detail Unigue in design，etc | $\begin{aligned} & 900 \\ & 825 \\ & 75.0 \end{aligned}$ |


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| 敬 |  | Water／Sewer Rough－in |  |  |  | Windows \＆Exterior Doors | $\begin{gathered} 0 \\ 0 \\ 0 \\ 0 \\ \overline{0} \\ \hline \end{gathered}$ |  |  |  |  |  |  |  |  | $\left\|\begin{array}{l} 9, ~ \\ 0 \\ 0 \\ 0 \\ 0 \\ \frac{0}{8} \\ \frac{8}{4} \end{array}\right\|$ |  |  |  | （ |



| $\begin{gathered} a \\ 0 \\ 0 \\ \frac{0}{8} \\ 0 \end{gathered}$ | $\left\|\begin{array}{c} a \\ \vdots \\ 0 \\ \vdots \\ \stackrel{0}{\infty} \end{array}\right\|$ | $\begin{array}{r} a \\ \vdots \\ \vdots \\ \stackrel{\circ}{\circ} \\ 0 \end{array}$ | $\left.\begin{array}{\|c\|} \hline 0 \\ \stackrel{\circ}{8} \end{array} \right\rvert\,$ | $\left\|\begin{array}{c} \circ \circ \\ 0 \\ 0 \end{array}\right\|$ | $8$ | $8$ | 客 | 总 | 㐔\| | 迢 | 宫 | $8$ | 응 | － |
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Parcel\# 174-29/-16 Cd\# 2 of 2 InspDate y/u/22 Appraiser 7J/4w STR. OVERRIDE VALUE


LAND NOTES:

## ADDITIONS / STAND ALONE STRUCTURES

| ADDITIONS / STAND ALONE STRUCTURES |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Code | Qual | Yr BIL | -EH Yr | Roof Mat. | Heat |  | Ext Cove |  | Size | Value |
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| DELETE ALL EXISTING OUTBUILDINGS? Y N |  |  |  |  |  |  |  |  |  |  |
| Code | Qual | Yr Blt | Eff Yr | Size |  | Value |  |  | Features |  |
| Drive |  |  |  |  |  |  |  |  |  |  |
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| NOTES: |  |  |  |  |  |  |  |  |  |  |

KENAI PENINSULA BOROUGH FIELD APPRAISAL DATA FORM

| Size Ranges | Cabin $=0-500$ s.f. |  |  |  | Cottage $=501-800$ s.f. |  |  |  | Res. = 801-Infinity |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | mean $=70 \%$ |  | mean $=85 \%$ |  | mean $=100 \%$ |  | mean $=115 \%$ |  | mean $=135 \%$ |  | mean $=165 \%$ |  |
| OUALITY | $\begin{gathered} \text { LOW } \\ 65.75 \% \end{gathered}$ | (\#) | $\begin{gathered} \text { FAIR } \\ 80-90 \% \end{gathered}$ | (\#) | $\begin{aligned} & \text { AVERAGE } \\ & 95-105 \% \\ & \hline \end{aligned}$ | (\#) | $\begin{gathered} \text { GOOD } \\ 110-120 \% \\ \hline \end{gathered}$ | (\#) | VERY GOOD $125 \cdot 145 \%$ | (\#) | EXCELLENT 150. 180\% | (\#) |
| FLOOR cover | NONE or low grade on subfloor (no padding. etc) | $\begin{aligned} & 2.25 \\ & 2.10 \\ & 1.95 \\ & \hline \end{aligned}$ | Below average grade covering on Subfloor | $\begin{array}{\|c\|} \hline 2.79 \\ \hline 2.55 \\ 2.40 \end{array}$ | Average builder-grade floor covering | $\begin{aligned} & 3.15 \\ & 3.00 \\ & 2.85 \end{aligned}$ | $10-20 \%$ above average grade floor covering | $\begin{aligned} & 3.60 \\ & 345 \\ & 3.30 \end{aligned}$ | Very Good, upper-end floor coverings throughout | $\begin{aligned} & 435 \\ & 4.05 \\ & 3.75 \end{aligned}$ | Excellent high-quality throughout | $\begin{aligned} & 5.40 \\ & 4.95 \\ & 450 \end{aligned}$ |
| CABINETS \& COUNTER TOPS | NONE or low grade (may be owner built) | $\begin{array}{\|l\|} \hline 300 \\ 280 \\ 260 \\ \hline \end{array}$ | Betow average commercial type | $\begin{array}{\|r\|} \hline 3.60 \\ \hline 3.40 \\ \hline \\ \hline \end{array}$ | Average builder-grade | $\begin{aligned} & 4.20 \\ & 4.00 \\ & 380 \\ & \hline \end{aligned}$ | Upper end buildergrade quality (double vanties, etc) | $\begin{aligned} & 4.80 \\ & 4.60 \\ & 440 \\ & \hline \end{aligned}$ | Very Good cabinets and countertops (double vanities, etc) | $\begin{aligned} & 580 \\ & 540 \\ & 500 \\ & \hline \end{aligned}$ | Excellent high-quality throughout | 7.20 <br> 660 |
| KITCHEN APPLIANCES | $\begin{gathered} \hline \text { NONE or low grade } \\ \text { ROV only (no } \\ \text { dishwasher, elc) } \\ \hline \end{gathered}$ | $\begin{array}{l\|} \hline 2.25 \\ 2.10 \end{array}$ | Below average builder-grade package | $\begin{array}{\|l\|} \hline 2.70 \\ 2255 \\ \hline 2.40 \\ \hline \end{array}$ | Average builder-grade package | $\begin{aligned} & 3.00 \\ & 2.85 \\ & \hline \end{aligned}$ | Upper end builder-grade package | $\begin{aligned} & 3.60 \\ & 3.45 \\ & 3.30 \end{aligned}$ | Very Good, high quality appliance package | $\begin{aligned} & 435 \\ & 405 \\ & 4.05 \end{aligned}$ | Excellent high-quality throughout | $\begin{aligned} & 5.40 \\ & 495 \end{aligned}$ |
| FIXTURES Plumbinghighting | NONE or low grade | $\begin{aligned} & 225 \\ & 2.10 \\ & 195 \\ & \hline \end{aligned}$ | Lower grade commercial type fixtures | $\begin{array}{\|l\|} \hline 270 \\ 2.55 \\ \hline 2.40 \\ \hline \end{array}$ | Builder-grade stock item fixtures | $\begin{array}{\|l\|} \hline 3.15 \\ 3.00 \\ 2.85 \\ \hline \end{array}$ | Upper end builder-grade fixtures | $\begin{aligned} & 360 \\ & 345 \\ & 3.30 \end{aligned}$ | Very Good grade plumbing \& lighting fixutures throughout | $\begin{aligned} & 435 \\ & 405 \\ & 3.75 \end{aligned}$ | Excellent high-qually throughout | $\begin{aligned} & 5.40 \\ & 4.95 \end{aligned}$ |
| INTERIOR Door/Window Trim | NONE, owner-bult or photo finish | $\begin{array}{\|l\|} \hline 1.50 \\ 1.40 \\ 130 \end{array}$ | Mahogany doors and pholo finish trim | $\begin{array}{\|c\|} \hline 180 \\ \hline 1700 \\ \hline 160 \end{array}$ | Average wood doors and trim | $\begin{aligned} & 2.00 \\ & 1.90 \end{aligned}$ | Above average quality doors and wood trim | $\begin{aligned} & 2.40 \\ & 2.30 \\ & 2.20 \end{aligned}$ | Very Good quality custom doors and sculptured good wood lim | $\begin{aligned} & 290 \\ & 270 \\ & 2.50 \end{aligned}$ | Excellent high-quality <br> exotic woods Hand- <br> firnished unique designs | $\begin{aligned} & 3.60 \\ & 3.30 \\ & 3.00 \end{aligned}$ |
| INTERIOR <br> Partition Walls | $\begin{aligned} & \text { NONE or } \\ & \text { Plywood/OSB } \end{aligned}$ | $\begin{aligned} & 7.50 \\ & 7.00 \\ & 650 \end{aligned}$ | Below average paneling / sheetrock | $\begin{aligned} & 900 \\ & 850 \\ & 8000 \\ & \hline \end{aligned}$ | Textured sheetrock and/or average pane ing | $\begin{array}{\|l\|} \hline 10.5 \\ 10.0 \\ \hline \end{array}$ | Textured sheetrock with good quality wallpaper and/or wood paneling | $\begin{array}{\|l\|} \hline 120 \\ 11.5 \\ 11.0 \end{array}$ | High quality wallpaper, wood paneling and/or wainscoting etc | $\begin{aligned} & 145 \\ & 135 \\ & 125 \end{aligned}$ | Excellent high quality wallpaper, wood paneing and/or wainscoting, etc | $\begin{array}{\|l\|} \hline 18.0 \\ 16.5 \\ 15.0 \end{array}$ |
| UNGS | NONE. Plywood/OSB or betow $8^{\prime}$ height | $\begin{aligned} & 3.75 \\ & 3.50 \\ & 325 \end{aligned}$ | Acoustic tile or sheetrock and full 8 celing height | $\begin{aligned} & 4500 \\ & \hline 4.55 \\ & 400 \end{aligned}$ | Textured sheetrock \& standard $8^{\circ}$ ceiling height | $\begin{array}{\|l\|} \hline 5.25 \\ 5.00 \\ 4.75 \end{array}$ | Textured sheetrock <br> 9 ' or 10 ceiling height. Vaulted or cathedral ceiling | $\begin{aligned} & 6.00 \\ & 5.75 \\ & 5.50 \\ & 50 \end{aligned}$ | Same as before but may include good wood paneling on open-beam ceiling | $\begin{aligned} & 7.25 \\ & 6.75 \\ & 625 \end{aligned}$ | Same as before but may be unique in design, detail and effect | $\begin{aligned} & 9.00 \\ & 8.25 \\ & 7.50 \end{aligned}$ |
| WINDOW fenestration | Minimal single-pane low grade sliders or non-opening | $\begin{aligned} & \hline 150 \\ & 140 \\ & 13.0 \end{aligned}$ | Smaller than average sliding or crank-out w/storm windows | $\begin{array}{\|c\|} \hline 18.0 \\ \hline 170 \\ \hline 150 \\ \hline \end{array}$ | Ample average quality stiding or crank-out thermo pane | $\begin{aligned} & \hline 21.0 \\ & 20.0 \\ & 19.0 \end{aligned}$ | Good quality, larger than average. Some round, hall-round, octagon, etc | $\begin{aligned} & 24.0 \\ & 23.0 \\ & 220 \end{aligned}$ | Abundant Very Good quality windows (Low "E" reflective, etc) | $\begin{aligned} & 29.0 \\ & 27.0 \end{aligned}$ | Same as before but may be unique in design, detail and effect | $\begin{aligned} & 36.0 \\ & 33.0 \\ & 30.0 \end{aligned}$ |
| overall WORKMANSHIP | Low cost poor qualiy workmanstip and design. Below minimum standard No design or detal | $\begin{aligned} & 37.5 \\ & 350 \\ & 32.5 \end{aligned}$ | Below average workmanship but meets minimum standards $2 \times 4$ construction Minumal design | $\begin{aligned} & 450 \\ & 425 \\ & \hline 40.0 \end{aligned}$ | Average workmanship. meets or exceeds minimum slandara. $2 \times 6$ construction | $\begin{aligned} & 52.5 \\ & 500 \\ & 47.5 \end{aligned}$ | Above average workmanship with some attention to design and detail. $2 \times 6$ construction Energy Eff. Package | $\begin{aligned} & 50.0 \\ & 57.5 \\ & 55.0 \\ & \end{aligned}$ | Very Good workmanship. Good attention to interior refinements and detail) exterior has some custom design and ornamentation | $\begin{aligned} & 72.5 \\ & 67.5 \\ & 62.5 \end{aligned}$ | Excellent high quality workmanship, finishes and appointments and attention to delail. Unique in design. etc | $\begin{aligned} & 90.0 \\ & 82.5 \\ & 75.0 \end{aligned}$ |




| Ratio Sum | 106.19 |  | Excluded | 0 |  |
| ---: | ---: | ---: | ---: | ---: | ---: |
| Mean | $95.66 \%$ | Earliest Sale 10/11/2018 | \# of Sales | 111 |  |
| Median | $93.20 \%$ | Latest Sale 7/30/2021 | Total AV $\$$ | $8,947,600$ |  |
| Wtd Mean | $90.75 \%$ | Outlier Information | Total SP $\$$ | $9,860,075$ |  |
| PRD: | 1.05 | Range | 1.5 | Minimum | $38.75 \%$ |
| COD: | $19.67 \%$ | Lower Boundary | $41.19 \%$ | Maximum | $186.00 \%$ |
| St. Dev | 0.2479 | Upper Boundary | $146.31 \%$ | Min Sale Amt $\$$ | 2,000 |
| COV: | $25.91 \%$ |  | Max Sale Amt | $\$$ | 465,000 |





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| 210 | 9/17/20 | 105959 | 17702114 | 0.26 | \$ | 85,800 | \$ | 91,000 | 2 | C | \$82,600 | 94.29\% |
| 210 | 1/25/19 | 105959 | 17702114 | 0.26 | \$ | 85,800 | \$ | 94,000 | 2 | C | \$82,600 | 91.28\% |
| 210 | 8/24/20 | 105960 | 17702115 | 0.30 | \$ | 89,200 | \$ | 104,000 | 2 | V | \$85,800 | 85.77\% |
| 210 | 1/22/21 | 105960 | 17702115 | 0.30 | \$ | 89,200 | \$ | 105,000 | 2 | C | \$85,800 | 84.95\% |
| 210 | 4/30/19 | 105961 | 17702116 | 0.48 | \$ | 100,700 | \$ | 100,000 | 2 | V | \$96,800 | 100.70\% |
| 210 | 11/15/19 | 105962 | 17702117 | 0.39 | \$ | 95,500 | \$ | 99,000 | 2 | V | \$91,800 | 96.46\% |
| 210 | 5/29/19 | 105963 | 17702118 | 0.34 | \$ | 92,000 | \$ | 90,000 | 2 | C | \$88,600 | 102.22\% |
| 210 | 12/21/18 | 105964 | 17702119 | 0.40 | \$ | 96,100 | \$ | 100,000 | 2 | C | \$92,500 | 96.10\% |
| 210 | 8/21/20 | 105965 | 17702120 | 0.34 | \$ | 92,000 | \$ | 95,000 | 2 | V | \$88,600 | 96.84\% |
| 210 | 6/24/20 | 90443 | 17705311 | 0.20 | \$ | 27,900 | \$ | 52,500 | 2 | C | \$26,900 | 53.14\% |
| 210 | 5/3/19 | 62337 | 17705403 | 0.46 | \$ | 43,300 | \$ | 45,000 | 2 | C | \$41,700 | 96.22\% |
| 210 | 6/9/20 | 62384 | 17707017 | 0.11 | \$ | 10,500 | \$ | 10,000 | 2 | C | \$10,000 | 105.00\% |
| 210 | 12/9/19 | 62447 | 17709207 | 0.52 | \$ | 42,500 | \$ | 55,000 | 2 | C | \$40,900 | 77.27\% |
| 210 | 11/21/19 | 62464 | 17710114 | 0.14 | \$ | 35,000 | \$ | 39,700 | 2 | Z | \$33,700 | 88.16\% |
| 210 | 6/6/19 | 62876 | 17717318 | 1.90 | \$ | 93,900 | \$ | 103,500 | 2 | C | \$90,500 | 90.72\% |
| 210 | 4/12/19 | 62892 | 17717417 | 0.32 | \$ | 39,400 | \$ | 55,000 | 2 | C | \$37,900 | 71.64\% |
| 210 | 5/31/19 | 62906 | 17717431 | 0.96 | \$ | 41,900 | \$ | 59,500 | 2 | C | \$40,400 | 70.42\% |
| 210 | 5/31/19 | 62942 | 17717807 | 0.49 | \$ | 44,000 | \$ | 109,000 | 2 | C | \$42,400 | 40.37\% |
| 210 | 3/12/21 | 63333 | 17730226 | 0.32 | \$ | 43,300 | \$ | 67,000 | 2 | C | \$41,700 | 64.63\% |
| 210 | 2/20/20 | 63475 | 17901029 | 14.84 | \$ | 172,100 | \$ | 268,000 | 2 | C | \$128,500 | 64.22\% |
| 210 | 6/30/21 | 63489 | 17902024 | 0.24 | \$ | 36,600 | \$ | 69,000 | 2 | C | \$35,200 | 53.04\% |
| 210 | 2/28/19 | 63503 | 17902046 | 1.39 | \$ | 66,400 | \$ | 75,000 | 2 | C | \$63,900 | 88.53\% |
| 210 | 2/4/20 | 63504 | 17902048 | 1.75 | \$ | 116,500 | \$ | 125,000 | 2 | C | \$82,600 | 93.20\% |
| 210 | 8/6/20 | 88634 | 17902105 | 0.23 | \$ | 47,100 | \$ | 85,000 | 2 | C | \$45,200 | 55.41\% |
| 210 | 6/28/19 | 88638 | 17902109 | 0.29 | \$ | 69,100 | \$ | 72,000 | 2 | C | \$66,600 | 95.97\% |
| 210 | 7/8/19 | 88639 | 17902110 | 0.29 | \$ | 69,100 | \$ | 130,000 | 2 | C | \$66,600 | 53.15\% |
| 210 | 6/28/19 | 88643 | 17902114 | 0.38 | \$ | 53,600 | \$ | 63,650 | 2 | C | \$51,600 | 84.21\% |
| 210 | 6/26/20 | 88644 | 17902115 | 0.36 | \$ | 52,800 | \$ | 64,966 | 2 | C | \$50,800 | 81.27\% |
| 210 | 11/6/20 | 88644 | 17902115 | 0.36 | \$ | 52,800 | \$ | 65,500 | 2 | V | \$50,800 | 80.61\% |
| 210 | 6/19/20 | 88654 | 17902125 | 0.46 | \$ | 77,900 | \$ | 110,000 | 2 | C | \$75,100 | 70.82\% |
| 210 | 9/20/19 | 88655 | 17902126 | 0.46 | \$ | 99,600 | \$ | 99,000 | 2 | C | \$95,900 | 100.61\% |
| 210 | 6/13/19 | 92332 | 17902134 | 0.38 | \$ | 94,800 | \$ | 119,900 | 2 | C | \$91,300 | 79.07\% |
| 210 | 6/17/20 | 92341 | 17902143 | 0.36 | \$ | 52,800 | \$ | 45,000 | 2 | C | \$70,400 | 117.33\% |
| 210 | 5/18/20 | 92342 | 17902144 | 0.42 | \$ | 55,000 | \$ | 65,000 | 2 | V | \$52,900 | 84.62\% |
| 210 | 2/28/20 | 63551 | 17903021 | 4.85 | \$ | 87,900 | \$ | 95,000 | 2 | V | \$123,000 | 92.53\% |
| 210 | 5/13/19 | 63599 | 17904004 | 0.54 | \$ | 44,300 | \$ | 30,000 | 2 | C | \$42,600 | 147.67\% |
| 210 | 8/7/20 | 63641 | 17906302 | 0.63 | \$ | 51,700 | \$ | 41,358 | 2 | Z | \$72,300 | 125.01\% |
| 210 | 6/14/19 | 63999 | 17919301 | 1.63 | \$ | 135,500 | \$ | 165,000 | 2 | C | \$130,300 | 82.12\% |
| 210 | 8/12/19 | 97009 | 17936026 | 2.19 | \$ | 179,400 | \$ | 300,000 | 2 | V | \$172,500 | 59.80\% |



| RATIO SUM: | 180.89 | 12/1/2018 | 2.66 | \# OF SALES: |  | 185 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEAN: | 97.78\% | Earliest Sale | 11/2/2018 | TOTAL AV: | \$ | 55,086,200 |
| MEDIAN: | 97.00\% | Latest Sale | 7/1/2021 | TOTAL SP: | \$ | 56,198,660 |
| WTD MEAN: | 98.02\% | Outlier Info |  | MINIMUM: |  | 61.44\% |
| PRD: | 1.00 | Range | 1.50 | MAXIMUM: |  | 136.23\% |
| COD: | 9.83\% | Lower Bounc | 68.49\% | MIN SALE AMT: | \$ | 70,000 |
| ST. DEV | 0.1221 | Upper Boun، | 127.05\% | MAX SALE AMT: | \$ | 799,000 |
| COV: | 12.49\% |  |  | - | \$ | 849,000 |


| SALE DATE: | 2022 |
| :---: | :---: |
|  |  |
| HOUSE TYPE: | ALL |
| MKT AREA: | 210 |
|  | POST |


| PIN | AREA |  | IMPS |  | LAND |  | AV |  | SP | RATIO | HTYPE | DATE | QUAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17305415 | 210 | \$ | 201,300 | \$ | 37,200 | \$ | 238,500 | \$ | 220,000 | 108.41\% | 11 | 2/12/2021 | A+ |
| 17305441 | 210 | \$ | 292,800 | \$ | 41,200 | \$ | 334,000 | \$ | 320,000 | 104.38\% | 11 | 10/30/2020 | G- |
| 17307112 | 210 | \$ | 257,600 | \$ | 61,900 | \$ | 319,500 | \$ | 279,900 | 114.15\% | 11 | 9/20/2019 | G- |
| 17307116 | 210 | \$ | 299,700 | \$ | 67,000 | \$ | 366,700 | \$ | 319,000 | 114.95\% | 21 | 12/14/2018 | A+ |
| 17308006 | 210 | \$ | 429,400 | \$ | 105,900 | \$ | 535,300 | \$ | 619,000 | 86.48\% | 21 | 10/9/2020 | G+ |
| 17308013 | 210 | \$ | 433,000 | \$ | 128,900 | \$ | 561,900 | \$ | 617,000 | 91.07\% | 25 | 6/14/2019 | G+ |
| 17324094 | 210 | \$ | 248,400 | \$ | 43,400 | \$ | 291,800 | \$ | 295,000 | 98.92\% | 11 | 9/15/2020 | G- |
| 17324106 | 210 | \$ | 169,400 | \$ | 48,900 | \$ | 218,300 | \$ | 235,000 | 92.89\% | 11 | 4/24/2019 | A+ |
| 17324138 | 210 | \$ | 246,400 | \$ | 49,600 | \$ | 296,000 | \$ | 285,000 | 103.86\% | 21 | 6/9/2020 | G- |
| 17324147 | 210 | \$ | 241,200 | \$ | 48,100 | \$ | 289,300 | \$ | 285,000 | 101.51\% | 21 | 11/20/2019 | G+ |
| 17348010 | 210 | \$ | 277,500 | \$ | 64,800 | \$ | 342,300 | \$ | 379,000 | 90.32\% | 21 | 10/11/2019 | A+ |
| 17359421 | 210 | \$ | 343,100 | \$ | 57,600 | \$ | 400,700 | \$ | 439,000 | 91.28\% | 11 | 9/30/2020 | G |
| 17359434 | 210 | \$ | 679,000 | \$ | 90,100 | \$ | 769,100 | \$ | 799,000 | 96.26\% | 11 | 1/10/2020 | G+ |
| 17359463 | 210 | \$ | 552,900 | \$ | 76,900 | \$ | 629,800 | \$ | 650,000 | 96.89\% | 41 | 7/19/2019 | VG- |
| 17359509 | 210 | \$ | 447,700 | \$ | 85,300 | \$ | 533,000 | \$ | 496,500 | 107.35\% | 11 | 2/4/2020 | G+ |
| 17359512 | 210 | \$ | 254,200 | \$ | 92,200 | \$ | 346,400 | \$ | 400,000 | 86.60\% | 21 | 9/8/2020 | G |
| 17365011 | 210 | \$ | 205,300 | \$ | 102,100 | \$ | 307,400 | \$ | 329,000 | 93.43\% | 11 | 7/22/2019 | A+ |
| 17365012 | 210 | \$ | 328,400 | \$ | 87,600 | \$ | 416,000 | \$ | 389,000 | 106.94\% | 21 | 5/24/2019 | G |
| 17369012 | 210 | \$ | 236,000 | \$ | 34,600 | \$ | 270,600 | \$ | 259,000 | 104.48\% | 11 | 4/26/2019 | G- |
| 17369049 | 210 | \$ | 270,100 | \$ | 47,000 | \$ | 317,100 | \$ | 325,000 | 97.57\% | 41 | 8/7/2019 | A |
| 17369072 | 210 | \$ | 433,400 | \$ | 58,400 | \$ | 491,800 | \$ | 470,000 | 104.64\% | 85 | 11/4/2020 | A+ |
| 17369076 | 210 | \$ | 212,700 | \$ | 27,000 | \$ | 239,700 | \$ | 255,000 | 94.00\% | 11 | 1/22/2021 | A |
| 17369076 | 210 | \$ | 212,700 | \$ | 27,000 | \$ | 239,700 | \$ | 259,900 | 92.23\% | 11 | 3/20/2020 | A |
| 17401013 | 210 | \$ | 197,400 | \$ | 58,800 | \$ | 256,200 | \$ | 275,000 | 93.16\% | 41 | 11/20/2020 | A |
| 17405021 | 210 | \$ | 219,200 | \$ | 100,200 | \$ | 319,400 | \$ | 385,000 | 82.96\% | 21 | 6/4/2021 | A+ |
| 17405101 | 210 | \$ | 381,700 | \$ | 78,300 | \$ | 460,000 | \$ | 537,700 | 85.55\% | 61 | 7/1/2021 | G- |
| 17405222 | 210 | \$ | 71,500 | \$ | 58,200 | \$ | 129,700 | \$ | 120,000 | 108.08\% | 92 | 9/30/2019 | A |
| 17405225 | 210 | \$ | 69,700 | \$ | 50,000 | \$ | 119,700 | \$ | 140,000 | 85.50\% | 92 | 8/6/2020 | A |
| 17405228 | 210 | \$ | 279,800 | \$ | 52,400 | \$ | 332,200 | \$ | 310,000 | 107.16\% | 21 | 4/30/2019 | G |
| 17405909 | 210 | \$ | 229,300 | \$ | 57,900 | \$ | 287,200 | \$ | 355,000 | 80.90\% | 11 | 3/24/2020 | A+ |
| 17405928 | 210 | \$ | 357,000 | \$ | 61,400 | \$ | 418,400 | \$ | 399,000 | 104.86\% | 11 | 11/27/2019 | G- |
| 17409007 | 210 | \$ | 331,300 | \$ | 76,400 | \$ | 407,700 | \$ | 415,000 | 98.24\% | 21 | 8/3/2020 | A+ |
| 17409030 | 210 | \$ | 240,300 | \$ | 53,500 | \$ | 293,800 | \$ | 300,000 | 97.93\% | 21 | 5/29/2020 | G |
| 17410001 | 210 | \$ | 226,100 | \$ | 130,600 | \$ | 356,700 | \$ | 340,000 | 104.91\% | 11 | 8/28/2020 | A |
| 17411118 | 210 | \$ | 235,100 | \$ | 74,100 | \$ | 309,200 | \$ | 315,000 | 98.16\% | 15 | 3/26/2021 | A- |
| 17413031 | 210 | \$ | 193,900 | \$ | 47,000 | \$ | 240,900 | \$ | 300,000 | 80.30\% | 61 | 9/29/2020 | A |
| 17419003 | 210 | \$ | 35,900 | \$ | 48,400 | \$ | 84,300 | \$ | 70,000 | 120.43\% | 71 | 11/27/2018 | L |
| 17419016 | 210 | \$ | 48,200 | \$ | 48,100 | \$ | 96,300 | \$ | 85,000 | 113.29\% | 71 | 9/23/2020 | F- |
| 17419232 | 210 | \$ | 311,600 | \$ | 76,700 | \$ | 388,300 | \$ | 358,000 | 108.46\% | 11 | 10/16/2020 | G- |
| 17419237 | 210 | \$ | 308,400 | \$ | 107,700 | \$ | 416,100 | \$ | 388,300 | 107.16\% | 11 | 7/5/2019 | A- |
| 17419252 | 210 | \$ | 444,500 | \$ | 93,900 | \$ | 538,400 | \$ | 527,000 | 102.16\% | 21 | 11/24/2020 | G+ |
| 17427013 | 210 | \$ | 173,700 | \$ | 66,500 | \$ | 240,200 | \$ | 255,000 | 94.20\% | 11 | 3/5/2021 | A+ |
| 17429118 | 210 | \$ | 225,800 | \$ | 92,800 | \$ | 318,600 | \$ | 300,000 | 106.20\% | 11 | 10/20/2020 | A |
| 17429402 | 210 | \$ | 114,400 | \$ | 62,000 | \$ | 176,400 | \$ | 200,000 | 88.20\% | 21 | 9/8/2020 | A |
| 17445109 | 210 | \$ | 487,700 | \$ | 176,000 | \$ | 663,700 | \$ | 690,000 | 96.19\% | 11 | 10/10/2019 | G+ |
| 17445113 | 210 | \$ | 231,700 | \$ | 175,400 | \$ | 407,100 | \$ | 395,000 | 103.06\% | 45 | 5/30/2019 | A+ |
| 17502018 | 210 | \$ | 186,600 | \$ | 106,400 | \$ | 293,000 | \$ | 280,000 | 104.64\% | 41 | 11/9/2020 | A |
| 17502045 | 210 | \$ | 354,000 | \$ | 55,700 | \$ | 409,700 | \$ | 395,000 | 103.72\% | 25 | 11/4/2019 | A |
| 17502067 | 210 | \$ | 175,700 | \$ | 54,300 | \$ | 230,000 | \$ | 260,000 | 88.46\% | 11 | 5/19/2021 | A |
| 17502082 | 210 | \$ | 360,100 | \$ | 53,800 | \$ | 413,900 | \$ | 430,000 | 96.26\% | 41 | 4/5/2021 | A |
| 17503032 | 210 | \$ | 516,500 | \$ | 103,000 | \$ | 619,500 | \$ | 554,000 | 111.82\% | 11 | 7/14/2020 | G- |
| 17503039 | 210 | \$ | 147,600 | \$ | 103,800 | \$ | 251,400 | \$ | 304,000 | 82.70\% | 41 | 7/8/2020 | F+ |
| 17503051 | 210 | \$ | 388,800 | \$ | 93,600 | \$ | 482,400 | \$ | 437,500 | 110.26\% | 11 | 3/10/2020 | G- |
| 17505421 | 210 | \$ | 232,200 | \$ | 43,700 | \$ | 275,900 | \$ | 264,000 | 104.51\% | 21 | 3/29/2019 | A- |
| 17506509 | 210 | \$ | 124,500 | \$ | 41,000 | \$ | 165,500 | \$ | 161,000 | 102.80\% | 72 | 11/19/2018 | A- |
| 17507005 | 210 | \$ | 83,500 | \$ | 91,200 | \$ | 174,700 | \$ | 183,000 | 95.46\% | 41 | 7/21/2020 | F |
| 17508134 | 210 | \$ | 146,400 | \$ | 58,600 | \$ | 205,000 | \$ | 250,000 | 82.00\% | 21 | 5/7/2019 | A |
| 17508157 | 210 | \$ | 335,900 | \$ | 37,100 | \$ | 373,000 | \$ | 334,625 | 111.47\% | 41 | 3/16/2020 | G- |

RATIO STUDY

| PIN | AREA |  | IMPS |  | LAND |  | AV |  | SP | RATIO | HTYPE | DATE | QUAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17508163 | 210 | \$ | 329,800 | \$ | 117,300 | \$ | 447,100 | \$ | 396,000 | 112.90\% | 41 | 2/18/2020 | G+ |
| 17508236 | 210 | \$ | 84,600 | \$ | 145,600 | \$ | 230,200 | \$ | 297,000 | 77.51\% | 41 | 4/13/2020 | G |
| 17510206 | 210 | \$ | 353,500 | \$ | 69,800 | \$ | 423,300 | \$ | 380,250 | 111.32\% | 11 | 5/14/2021 | G- |
| 17510221 | 210 | \$ | 367,600 | \$ | 63,000 | \$ | 430,600 | \$ | 390,000 | 110.41\% | 21 | 5/29/2020 | G- |
| 17510239 | 210 | \$ | 315,600 | \$ | 85,900 | \$ | 401,500 | \$ | 365,000 | 110.00\% | 11 | 7/17/2019 | G |
| 17510244 | 210 | \$ | 292,500 | \$ | 69,000 | \$ | 361,500 | \$ | 385,000 | 93.90\% | 21 | 3/19/2019 | G- |
| 17510327 | 210 | \$ | 275,100 | \$ | 59,200 | \$ | 334,300 | \$ | 265,000 | 126.15\% | 11 | 2/8/2019 | A+ |
| 17510339 | 210 | \$ | 318,100 | \$ | 59,200 | \$ | 377,300 | \$ | 367,000 | 102.81\% | 11 | 4/21/2020 | A+ |
| 17510347 | 210 | \$ | 356,000 | \$ | 60,300 | \$ | 416,300 | \$ | 399,500 | 104.21\% | 11 | 9/30/2019 | G+ |
| 17510353 | 210 | \$ | 260,000 | \$ | 63,000 | \$ | 323,000 | \$ | 280,000 | 115.36\% | 21 | 2/28/2020 | A+ |
| 17510354 | 210 | \$ | 387,700 | \$ | 62,600 | \$ | 450,300 | \$ | 439,000 | 102.57\% | 11 | 6/5/2020 | G+ |
| 17510358 | 210 | \$ | 479,900 | \$ | 59,200 | \$ | 539,100 | \$ | 445,000 | 121.15\% | 11 | 12/16/2020 | A+ |
| 17511112 | 210 | \$ | 234,300 | \$ | 35,600 | \$ | 269,900 | \$ | 339,000 | 79.62\% | 21 | 12/17/2018 | G- |
| 17511220 | 210 | \$ | 205,900 | \$ | 36,200 | \$ | 242,100 | \$ | 276,500 | 87.56\% | 31 | 5/31/2019 | A- |
| 17511311 | 210 | \$ | 222,600 | \$ | 39,800 | \$ | 262,400 | \$ | 275,000 | 95.42\% | 11 | 6/30/2020 | A |
| 17511312 | 210 | \$ | 174,500 | \$ | 39,800 | \$ | 214,300 | \$ | 225,000 | 95.24\% | 11 | 8/6/2019 | G- |
| 17511315 | 210 | \$ | 176,400 | \$ | 39,800 | \$ | 216,200 | \$ | 204,000 | 105.98\% | 61 | 3/31/2020 | A |
| 17511414 | 210 | \$ | 231,800 | \$ | 39,800 | \$ | 271,600 | \$ | 272,500 | 99.67\% | 11 | 1/24/2020 | A |
| 17511416 | 210 | \$ | 216,300 | \$ | 39,800 | \$ | 256,100 | \$ | 266,000 | 96.28\% | 21 | 10/30/2020 | G- |
| 17512325 | 210 | \$ | 145,200 | \$ | 45,000 | \$ | 190,200 | \$ | 200,000 | 95.10\% | 73 | 2/22/2019 | A- |
| 17512410 | 210 | \$ | 125,100 | \$ | 39,800 | \$ | 164,900 | \$ | 203,000 | 81.23\% | 73 | 3/4/2019 | A |
| 17512410 | 210 | \$ | 125,100 | \$ | 39,800 | \$ | 164,900 | \$ | 217,000 | 75.99\% | 73 | 8/27/2020 | A |
| 17513317 | 210 | \$ | 113,700 | \$ | 49,200 | \$ | 162,900 | \$ | 210,000 | 77.57\% | 72 | 4/19/2019 | A- |
| $17516033 \mathrm{CO06}$ | 210 | \$ | 114,900 | \$ | 26,700 | \$ | 141,600 | \$ | 142,500 | 99.37\% | 81 | 8/21/2019 | A |
| 17516033CO08 | 210 | \$ | 98,800 | \$ | 31,600 | \$ | 130,400 | \$ | 152,000 | 85.79\% | 82 | 10/14/2020 | A |
| 17516033 CO 10 | 210 | \$ | 92,700 | \$ | 31,600 | \$ | 124,300 | \$ | 147,500 | 84.27\% | 82 | 6/26/2020 | A |
| 17516056CO07 | 210 | \$ | 253,400 | \$ | 34,300 | \$ | 287,700 | \$ | 310,000 | 92.81\% | 41 | 2/1/2019 | G- |
| 17518314 | 210 | \$ | 117,300 | \$ | 32,200 | \$ | 149,500 | \$ | 180,000 | 83.06\% | 11 | 8/29/2019 | A- |
| 17518317 | 210 | \$ | 288,300 | \$ | 32,200 | \$ | 320,500 | \$ | 405,000 | 79.14\% | 11 | 9/22/2020 | A |
| 17524186 | 210 | \$ | 324,000 | \$ | 37,000 | \$ | 361,000 | \$ | 310,000 | 116.45\% | 21 | 10/31/2019 | G |
| 17524188 | 210 | \$ | 316,900 | \$ | 37,300 | \$ | 354,200 | \$ | 365,000 | 97.04\% | 11 | 2/3/2021 | G |
| 17524192 | 210 | \$ | 186,200 | \$ | 41,900 | \$ | 228,100 | \$ | 220,000 | 103.68\% | 41 | 4/2/2021 | A |
| 17526018 | 210 | \$ | 278,700 | \$ | 45,800 | \$ | 324,500 | \$ | 295,000 | 110.00\% | 11 | 5/4/2020 | G- |
| 17526022 | 210 | \$ | 315,000 | \$ | 37,300 | \$ | 352,300 | \$ | 339,000 | 103.92\% | 21 | 3/2/2021 | G- |
| 17526026 | 210 | \$ | 276,700 | \$ | 40,600 | \$ | 317,300 | \$ | 272,000 | 116.65\% | 11 | 6/13/2019 | G- |
| 17526029 | 210 | \$ | 238,900 | \$ | 38,400 | \$ | 277,300 | \$ | 267,000 | 103.86\% | 11 | 3/20/2020 | A+ |
| 17527018 | 210 | \$ | 247,600 | \$ | 60,000 | \$ | 307,600 | \$ | 255,000 | 120.63\% | 11 | 7/15/2020 | A+ |
| 17527032 | 210 | \$ | 192,500 | \$ | 40,600 | \$ | 233,100 | \$ | 240,000 | 97.13\% | 11 | 12/10/2018 | A+ |
| 17527036 | 210 | \$ | 303,900 | \$ | 38,800 | \$ | 342,700 | \$ | 359,000 | 95.46\% | 76 | 10/30/2020 | A |
| 17527047 | 210 | \$ | 297,800 | \$ | 39,400 | \$ | 337,200 | \$ | 360,000 | 93.67\% | 11 | 1/31/2020 | G- |
| 17530010 | 210 | \$ | 145,300 | \$ | 40,700 | \$ | 186,000 | \$ | 202,500 | 91.85\% | 41 | 8/9/2019 | A |
| 17530030 | 210 | \$ | 183,200 | \$ | 38,800 | \$ | 222,000 | \$ | 265,000 | 83.77\% | 11 | 11/6/2020 | A |
| 17530031 | 210 | \$ | 213,100 | \$ | 38,800 | \$ | 251,900 | \$ | 260,000 | 96.88\% | 31 | 11/20/2018 | A |
| 17531021 | 210 | \$ | 347,200 | \$ | 38,800 | \$ | 386,000 | \$ | 329,200 | 117.25\% | 21 | 3/16/2021 | A |
| 17701048 | 210 | \$ | 213,200 | \$ | 142,800 | \$ | 356,000 | \$ | 350,000 | 101.71\% | 45 | 9/5/2019 | A+ |
| 17701055 | 210 | \$ | 269,200 | \$ | 90,900 | \$ | 360,100 | \$ | 310,000 | 116.16\% | 21 | 9/30/2019 | G |
| 17701055 | 210 | \$ | 269,200 | \$ | 90,900 | \$ | 360,100 | \$ | 382,500 | 94.14\% | 21 | 6/30/2020 | G |
| 17701059 | 210 | \$ | 409,700 | \$ | 94,900 | \$ | 504,600 | \$ | 540,000 | 93.44\% | 11 | 2/26/2021 | G+ |
| 17702037 | 210 | \$ | 212,000 | \$ | 44,300 | \$ | 256,300 | \$ | 289,500 | 88.53\% | 45 | 7/31/2020 | A |
| 17702040 | 210 | \$ | 405,800 | \$ | 68,600 | \$ | 474,400 | \$ | 450,000 | 105.42\% | 61 | 3/29/2019 | VG- |
| 17702103 | 210 | \$ | 436,800 | \$ | 98,000 | \$ | 534,800 | \$ | 703,000 | 76.07\% | 11 | 5/4/2021 | VG- |
| 17705114 | 210 | \$ | 205,600 | \$ | 33,900 | \$ | 239,500 | \$ | 242,500 | 98.76\% | 11 | 10/4/2019 | G- |
| 17705121 | 210 | \$ | 288,800 | \$ | 34,400 | \$ | 323,200 | \$ | 293,000 | 110.31\% | 11 | 3/15/2019 | G- |
| 17705135 | 210 | \$ | 204,400 | \$ | 35,800 | \$ | 240,200 | \$ | 248,000 | 96.85\% | 41 | 2/5/2021 | A |
| 17705148 | 210 | \$ | 113,000 | \$ | 32,900 | \$ | 145,900 | \$ | 180,000 | 81.06\% | 77 | 5/21/2021 | A |
| 17705152 | 210 | \$ | 250,700 | \$ | 44,700 | \$ | 295,400 | \$ | 275,000 | 107.42\% | 21 | 6/14/2019 | A |
| 17707028 | 210 | \$ | 294,500 | \$ | 32,600 | \$ | 327,100 | \$ | 305,000 | 107.25\% | 11 | 5/25/2021 | A+ |
| 17707041 | 210 | \$ | 129,900 | \$ | 38,400 | \$ | 168,300 | \$ | 190,000 | 88.58\% | 21 | 3/28/2019 | A |
| 17707042 | 210 | \$ | 248,600 | \$ | 39,400 | \$ | 288,000 | \$ | 304,260 | 94.66\% | 31 | 9/16/2020 | G- |
| 17710115 | 210 | \$ | 217,600 | \$ | 35,000 | \$ | 252,600 | \$ | 230,000 | 109.83\% | 31 | 3/6/2020 | A- |
| 17710116 | 210 | \$ | 183,100 | \$ | 35,000 | \$ | 218,100 | \$ | 221,000 | 98.69\% | 11 | 3/29/2019 | A |
| 17717603 | 210 | \$ | 165,100 | \$ | 26,800 | \$ | 191,900 | \$ | 239,000 | 80.29\% | 21 | 4/30/2019 | A+ |
| 17721007 | 210 | \$ | 344,100 | \$ | 51,000 | \$ | 395,100 | \$ | 395,000 | 100.03\% | 11 | 6/14/2019 | G |
| 17725005 | 210 | \$ | 253,100 | \$ | 48,200 | \$ | 301,300 | \$ | 305,000 | 98.79\% | 11 | 9/8/2020 | A |
| 17725014 | 210 | \$ | 200,500 | \$ | 47,100 | \$ | 247,600 | \$ | 319,000 | 77.62\% | 11 | 6/9/2021 | A |
| 17725016 | 210 | \$ | 161,100 | \$ | 46,900 | \$ | 208,000 | \$ | 233,000 | 89.27\% | 11 | 11/19/2020 | A- |
| 17726023 | 210 | \$ | 350,900 | \$ | 41,500 | \$ | 392,400 | \$ | 325,000 | 120.74\% | 21 | 6/20/2019 | G- |
| 17726033 | 210 | \$ | 221,100 | \$ | 42,700 | \$ | 263,800 | \$ | 294,000 | 89.73\% | 11 | 1/19/2021 | A |

RATIO STUDY

| PIN | AREA |  | IMPS |  | LAND |  | AV |  | SP | RATIO | HTYPE | DATE | QUAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17726034 | 210 | \$ | 221,300 | \$ | 43,000 | \$ | 264,300 | \$ | 245,000 | 107.88\% | 11 | 12/26/2018 | A- |
| 17727006 | 210 | \$ | 326,600 | \$ | 67,700 | \$ | 394,300 | \$ | 375,000 | 105.15\% | 31 | 9/30/2020 | A |
| 17727052CO01 | 210 | \$ | 251,900 | \$ | 72,200 | \$ | 324,100 | \$ | 310,000 | 104.55\% | 77 | 7/2/2020 | G |
| 17727059 | 210 | \$ | 327,800 | \$ | 89,500 | \$ | 417,300 | \$ | 372,000 | 112.18\% | 11 | 3/5/2020 | A |
| 17727066CO04 | 210 | \$ | 146,600 | \$ | 57,800 | \$ | 204,400 | \$ | 217,000 | 94.19\% | 82 | 5/17/2019 | G- |
| 17730212 | 210 | \$ | 93,600 | \$ | 43,000 | \$ | 136,600 | \$ | 175,000 | 78.06\% | 41 | 2/26/2021 | F+ |
| 17730241 | 210 | \$ | 123,200 | \$ | 32,200 | \$ | 155,400 | \$ | 227,000 | 68.46\% | 72 | 4/13/2020 | A |
| 17730261 | 210 | \$ | 207,800 | \$ | 29,800 | \$ | 237,600 | \$ | 264,000 | 90.00\% | 31 | 4/9/2020 | A |
| 17730279 | 210 | \$ | 241,700 | \$ | 34,300 | \$ | 276,000 | \$ | 276,000 | 100.00\% | 11 | 12/15/2020 | A+ |
| 17731024 | 210 | \$ | 346,200 | \$ | 42,200 | \$ | 388,400 | \$ | 415,000 | 93.59\% | 21 | 5/10/2021 | G |
| 17732006 | 210 | \$ | 249,100 | \$ | 38,400 | \$ | 287,500 | \$ | 325,000 | 88.46\% | 11 | 6/8/2021 | A+ |
| 17732008 | 210 | \$ | 353,300 | \$ | 36,700 | \$ | 390,000 | \$ | 345,000 | 113.04\% | 21 | 12/4/2018 | G- |
| 17902053 | 210 | \$ | 372,700 | \$ | 104,300 | \$ | 477,000 | \$ | 503,775 | 94.69\% | 11 | 6/2/2021 | G- |
| 17902091 | 210 | \$ | 241,200 | \$ | 149,600 | \$ | 390,800 | \$ | 395,000 | 98.94\% | 11 | 7/21/2020 | A+ |
| 17902101 | 210 | \$ | 232,600 | \$ | 48,100 | \$ | 280,700 | \$ | 329,000 | 85.32\% | 11 | 4/23/2019 | G- |
| 17902111 | 210 | \$ | 413,600 | \$ | 69,100 | \$ | 482,700 | \$ | 430,000 | 112.26\% | 21 | 4/30/2019 | VG- |
| 17902120 | 210 | \$ | 289,300 | \$ | 72,000 | \$ | 361,300 | \$ | 359,000 | 100.64\% | 21 | 1/25/2019 | G |
| 17902141 | 210 | \$ | 405,000 | \$ | 92,000 | \$ | 497,000 | \$ | 500,000 | 99.40\% | 21 | 12/7/2018 | G+ |
| 17903108 | 210 | \$ | 270,000 | \$ | 46,000 | \$ | 316,000 | \$ | 265,000 | 119.25\% | 72 | 10/16/2020 | A+ |
| 17906220 | 210 | \$ | 212,700 | \$ | 28,200 | \$ | 240,900 | \$ | 266,000 | 90.56\% | 11 | 3/19/2019 | A |
| 17908020 | 210 | \$ | 70,200 | \$ | 122,600 | \$ | 192,800 | \$ | 269,000 | 71.67\% | 71 | 8/16/2019 | A- |
| 17911003 | 210 | \$ | 227,900 | \$ | 83,000 | \$ | 310,900 | \$ | 325,000 | 95.66\% | 21 | 12/2/2020 | G- |
| 17912403 | 210 | \$ | 180,900 | \$ | 35,800 | \$ | 216,700 | \$ | 233,000 | 93.00\% | 11 | 7/23/2019 | A |
| 17912406 | 210 | \$ | 198,600 | \$ | 36,600 | \$ | 235,200 | \$ | 257,000 | 91.52\% | 76 | 11/6/2018 | A- |
| 17912418 | 210 | \$ | 293,300 | \$ | 39,100 | \$ | 332,400 | \$ | 244,000 | 136.23\% | 11 | 9/11/2020 | G- |
| 17912430 | 210 | \$ | 225,000 | \$ | 34,400 | \$ | 259,400 | \$ | 272,000 | 95.37\% | 31 | 8/12/2019 | G- |
| 17912431 | 210 | \$ | 343,300 | \$ | 33,900 | \$ | 377,200 | \$ | 334,000 | 112.93\% | 21 | 11/12/2019 | G |
| 17913109 | 210 | \$ | 246,500 | \$ | 38,800 | \$ | 285,300 | \$ | 308,000 | 92.63\% | 21 | 12/7/2020 | G |
| 17913110 | 210 | \$ | 198,600 | \$ | 38,800 | \$ | 237,400 | \$ | 275,000 | 86.33\% | 21 | 6/29/2020 | G- |
| 17914023 | 210 | \$ | 266,400 | \$ | 37,700 | \$ | 304,100 | \$ | 304,000 | 100.03\% | 41 | 3/8/2019 | A |
| 17918113CO04 | 210 | \$ | 92,300 | \$ | 47,400 | \$ | 139,700 | \$ | 133,000 | 105.04\% | 80 | 5/14/2019 | A |
| 17918113CO04 | 210 | \$ | 92,300 | \$ | 47,400 | \$ | 139,700 | \$ | 135,000 | 103.48\% | 80 | 9/21/2020 | A |
| 17918113CO05 | 210 | \$ | 87,600 | \$ | 47,400 | \$ | 135,000 | \$ | 129,500 | 104.25\% | 81 | 12/18/2020 | A |
| $17918113 \mathrm{CO10}$ | 210 | \$ | 66,400 | \$ | 59,500 | \$ | 125,900 | \$ | 134,500 | 93.61\% | 82 | 10/16/2019 | A |
| 17918113 CO 3 | 210 | \$ | 74,800 | \$ | 47,400 | \$ | 122,200 | \$ | 135,000 | 90.52\% | 82 | 12/18/2020 | A |
| 17924030 | 210 | \$ | 144,700 | \$ | 105,800 | \$ | 250,500 | \$ | 270,200 | 92.71\% | 72 | 8/30/2019 | A |
| 17924031 | 210 | \$ | 335,100 | \$ | 53,100 | \$ | 388,200 | \$ | 415,000 | 93.54\% | 85 | 1/3/2020 | A+ |
| 17927022 | 210 | \$ | 71,200 | \$ | 35,400 | \$ | 106,600 | \$ | 173,500 | 61.44\% | 71 | 10/31/2019 | F |
| 17927024 | 210 | \$ | 202,200 | \$ | 31,000 | \$ | 233,200 | \$ | 258,000 | 90.39\% | 21 | 7/19/2019 | A+ |
| 17929006 | 210 | \$ | 175,200 | \$ | 48,000 | \$ | 223,200 | \$ | 238,250 | 93.68\% | 11 | 4/27/2020 | A |
| 17929009 | 210 | \$ | 235,100 | \$ | 34,500 | \$ | 269,600 | \$ | 260,000 | 103.69\% | 11 | 11/25/2019 | A |
| 17929015 | 210 | \$ | 142,000 | \$ | 46,500 | \$ | 188,500 | \$ | 212,000 | 88.92\% | 11 | 4/29/2020 | A- |
| 17930024 | 210 | \$ | 134,100 | \$ | 32,600 | \$ | 166,700 | \$ | 215,000 | 77.53\% | 72 | 1/3/2020 | A |
| 17930032 | 210 | \$ | 172,200 | \$ | 32,600 | \$ | 204,800 | \$ | 215,000 | 95.26\% | 11 | 5/29/2020 | A+ |
| 17930044 | 210 | \$ | 204,800 | \$ | 34,600 | \$ | 239,400 | \$ | 255,000 | 93.88\% | 21 | 11/12/2020 | G- |
| 17930046 | 210 | \$ | 131,900 | \$ | 34,900 | \$ | 166,800 | \$ | 178,000 | 93.71\% | 21 | 12/14/2020 | A+ |
| 17931006 | 210 | \$ | 201,900 | \$ | 39,400 | \$ | 241,300 | \$ | 272,000 | 88.71\% | 85 | 7/17/2019 | A- |
| 17931010 | 210 | \$ | 211,900 | \$ | 39,400 | \$ | 251,300 | \$ | 185,000 | 135.84\% | 11 | 3/3/2021 | A |
| 17931011 | 210 | \$ | 189,800 | \$ | 39,400 | \$ | 229,200 | \$ | 259,000 | 88.49\% | 11 | 2/4/2020 | A |
| 17931038 | 210 | \$ | 189,400 | \$ | 28,600 | \$ | 218,000 | \$ | 198,000 | 110.10\% | 11 | 4/30/2019 | A |
| 17931051 | 210 | \$ | 101,000 | \$ | 32,200 | \$ | 133,200 | \$ | 143,900 | 92.56\% | 72 | 12/13/2019 | F+ |
| 17932029 | 210 | \$ | 182,700 | \$ | 32,200 | \$ | 214,900 | \$ | 215,000 | 99.95\% | 11 | 12/28/2018 | A+ |
| 17937012 | 210 | \$ | 120,100 | \$ | 30,700 | \$ | 150,800 | \$ | 204,000 | 73.92\% | 41 | 3/11/2020 | F+ |
| 17937020 | 210 | \$ | 159,000 | \$ | 31,800 | \$ | 190,800 | \$ | 275,000 | 69.38\% | 11 | 6/30/2021 | A |
| 17937030 | 210 | \$ | 222,600 | \$ | 27,900 | \$ | 250,500 | \$ | 249,000 | 100.60\% | 11 | 6/12/2019 | A+ |
| 17937031 | 210 | \$ | 137,000 | \$ | 27,900 | \$ | 164,900 | \$ | 182,000 | 90.60\% | 11 | 3/13/2020 | A |
| 17937034 | 210 | \$ | 153,500 | \$ | 30,700 | \$ | 184,200 | \$ | 189,900 | 97.00\% | 11 | 12/6/2018 | A |
| 17938001 | 210 | \$ | 181,500 | \$ | 32,900 | \$ | 214,400 | \$ | 196,500 | 109.11\% | 11 | 4/23/2019 | A- |
| 17938008 | 210 | \$ | 193,500 | \$ | 36,200 | \$ | 229,700 | \$ | 223,000 | 103.00\% | 31 | 11/2/2018 | A |


| NBH \# 210 |  |  | HT 1.5 L |  | \#REF! |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RATIO SUM: | 18.99 | 2/1 | 2.18 | \# OF SALES: |  | 20 |
| MEAN: | 94.95\% | Earliest Sale | 2/1/2019 | TOTAL AV: | \$ | 5,939,300 |
| MEDIAN: | 96.56\% | Latest Sale | 4/5/2021 | TOTAL SP: | \$ | 6,172,625 |
| WTD MEAN: | 96.22\% | Outlier Information |  | MINIMUM: |  | 73.92\% |
| PRD: | 0.99 | Range | 1.5 | MAXIMUM: |  | 112.90\% |
| COD: | 8.21\% | Lower Boundary | 69.32\% | MIN SALE AMT: | \$ | 175,000 |
| ST. DEV | 10.66\% | Upper Boundary | 122.77\% | MAX SALE AMT: | \$ | 650,000 |
| COV: | 11.23\% |  |  |  |  |  |




| RATIO SUM: | 18.99 | 12/1/20 | 2.18 | \# OF SALES: |  | 20 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEAN: | 94.95\% | Earliest Sale | 2/1/2019 | TOTAL AV: | \$ | 5,939,300 |
| MEDIAN: | 96.56\% | Latest Sale | 4/5/2021 | TOTAL SP: | \$ | 6,172,625 |
| WTD MEAN: | 96.22\% | Outlier Info |  | MINIMUM: |  | 73.92\% |
| PRD: | 0.99 | Range | 1.50 | MAXIMUM: |  | 112.90\% |
| COD: | 8.21\% | Lower Boun | 69.32\% | 1 SALE AMT: | \$ | 175,000 |
| ST. DEV | 0.1066 | Upper Boun | 122.77\% | SALE AMT: | \$ | 650,000 |
| COV: | 11.23\% |  |  | \$ | S | 700,000 |


| SALE DATE: | 2022 |
| :---: | :---: |
| HOUSE TYPE: | 1.5 L |
| MKT AREA: | 210 |
|  |  |


| PIN | AREA |  | IMPS |  | LAND |  | AV |  | SP | RATIO | HTYPE | DATE | QUAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17359463 | 210 | \$ | 552,900 | \$ | 76,900 | \$ | 629,800 | \$ | 650,000 | 96.89\% | 41 | 7/19/2019 | VG- |
| 17369049 | 210 | \$ | 270,100 | \$ | 47,000 | \$ | 317,100 | \$ | 325,000 | 97.57\% | 41 | 8/7/2019 | A |
| 17401013 | 210 | \$ | 197,400 | \$ | 58,800 | \$ | 256,200 | \$ | 275,000 | 93.16\% | 41 | 11/20/2020 | A |
| 17445113 | 210 | \$ | 231,700 | \$ | 175,400 | \$ | 407,100 | \$ | 395,000 | 103.06\% | 45 | 5/30/2019 | A+ |
| 17502018 | 210 | \$ | 186,600 | \$ | 106,400 | \$ | 293,000 | \$ | 280,000 | 104.64\% | 41 | 11/9/2020 | A |
| 17502082 | 210 | \$ | 360,100 | \$ | 53,800 | \$ | 413,900 | \$ | 430,000 | 96.26\% | 41 | 4/5/2021 | A |
| 17503039 | 210 | \$ | 147,600 | \$ | 103,800 | \$ | 251,400 | \$ | 304,000 | 82.70\% | 41 | 7/8/2020 | F+ |
| 17507005 | 210 | \$ | 83,500 | \$ | 91,200 | \$ | 174,700 | \$ | 183,000 | 95.46\% | 41 | 7/21/2020 | F |
| 17508157 | 210 | \$ | 335,900 | \$ | 37,100 | \$ | 373,000 | \$ | 334,625 | 111.47\% | 41 | 3/16/2020 | G- |
| 17508163 | 210 | \$ | 329,800 | \$ | 117,300 | \$ | 447,100 | \$ | 396,000 | 112.90\% | 41 | 2/18/2020 | G+ |
| 17508236 | 210 | \$ | 84,600 | \$ | 145,600 | \$ | 230,200 | \$ | 297,000 | 77.51\% | 41 | 4/13/2020 | G |
| [7516056C00 | 210 | \$ | 253,400 | \$ | 34,300 | \$ | 287,700 | \$ | 310,000 | 92.81\% | 41 | 2/1/2019 | G- |
| 17524192 | 210 | \$ | 186,200 | \$ | 41,900 | \$ | 228,100 | \$ | 220,000 | 103.68\% | 41 | 4/2/2021 | A |
| 17530010 | 210 | \$ | 145,300 | \$ | 40,700 | \$ | 186,000 | \$ | 202,500 | 91.85\% | 41 | 8/9/2019 | A |
| 17701048 | 210 | \$ | 213,200 | \$ | 142,800 | \$ | 356,000 | \$ | 350,000 | 101.71\% | 45 | 9/5/2019 | A+ |
| 17702037 | 210 | \$ | 212,000 | \$ | 44,300 | \$ | 256,300 | \$ | 289,500 | 88.53\% | 45 | 7/31/2020 | A |
| 17705135 | 210 | \$ | 204,400 | \$ | 35,800 | \$ | 240,200 | \$ | 248,000 | 96.85\% | 41 | 2/5/2021 | A |
| 17730212 | 210 | \$ | 93,600 | \$ | 43,000 | \$ | 136,600 | \$ | 175,000 | 78.06\% | 41 | 2/26/2021 | F+ |
| 17914023 | 210 | \$ | 266,400 | \$ | 37,700 | \$ | 304,100 | \$ | 304,000 | 100.03\% | 41 | 3/8/2019 | A |
| 17937012 | 210 | \$ | 120,100 | \$ | 30,700 | \$ | 150,800 | \$ | 204,000 | 73.92\% | 41 | 3/11/2020 | F+ |


| NBH \# 210 |  |  | HT Cott / Cab |  | POST |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| RATIO SUM: | 12.50 | 2/1/2018 | 1.91 | \# OF SALES: |  | 14 |
| MEAN: | 89.29\% | Earliest Sale | 11/19/2018 | TOTAL AV: | \$ | 2,350,200 |
| MEDIAN: | 86.90\% | Latest Sale | 10/16/2020 | TOTAL SP: | \$ | 2,709,600 |
| WTD MEAN: | 86.74\% | Outlier Information |  | MINIMUM: |  | 61.44\% |
| PRD: | 1.03 | Range | 1.5 | MAXIMUM: |  | 120.43\% |
| COD: | 18.27\% | Lower Boundary | 29.15\% | MIN SALE AMT: | \$ | 70,000 |
| ST. DEV | 19.05\% | Upper Boundary | 151.18\% | MAX SALE AMT: | \$ | 270,200 |
| COV: | 21.34\% |  |  |  |  |  |




| RATIO SUM: | 12.50 | 201 | 1.91 | \# OF SALES: |  | 14 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MEAN: | 89.29\% | Earliest Sale | 11/19/2018 | TOTAL AV: | \$ | 2,350,200 |
| MEDIAN: | 86.90\% | Latest Sale | 10/16/2020 | TOTAL SP: | \$ | 2,709,600 |
| WTD MEAN: | 86.74\% | Outlier Info |  | MINIMUM: |  | 61.44\% |
| PRD: | 1.03 | Range | 1.50 | MAXIMUM: |  | 120.43\% |
| COD: | 18.27\% | Lower Bound | 29.15\% | V SALE AMT: | \$ | 70,000 |
| ST. DEV | 0.1905 | Upper Bount | 151.18\% | X SALE AMT: | \$ | 270,200 |
| COV: | 21.34\% |  |  | S | S | 320,20 |


| SALE DATE: | 2022 |
| :---: | :---: |
|  |  |
| HOUSE TYPE | Cott / Cab |
| MKT AREA: | 210 |
|  | POST |


| PIN | AREA |  | IMPS |  | LAND |  | AV |  | SP | RATIO | HTYPE | DATE | QUAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17419003 | 210 | \$ | 35,900 | \$ | 48,400 | \$ | 84,300 | \$ | 70,000 | 120.43\% | 71 | 11/27/2018 | L |
| 17419016 | 210 | \$ | 48,200 | \$ | 48,100 | \$ | 96,300 | \$ | 85,000 | 113.29\% | 71 | 9/23/2020 | F- |
| 17506509 | 210 | \$ | 124,500 | \$ | 41,000 | \$ | 165,500 | \$ | 161,000 | 102.80\% | 72 | 11/19/2018 | A- |
| 17512325 | 210 | \$ | 145,200 | \$ | 45,000 | \$ | 190,200 | \$ | 200,000 | 95.10\% | 73 | 2/22/2019 | A- |
| 17512410 | 210 | \$ | 125,100 | \$ | 39,800 | \$ | 164,900 | \$ | 203,000 | 81.23\% | 73 | 3/4/2019 | A |
| 17512410 | 210 | \$ | 125,100 | \$ | 39,800 | \$ | 164,900 | \$ | 217,000 | 75.99\% | 73 | 8/27/2020 | A |
| 17513317 | 210 | \$ | 113,700 | \$ | 49,200 | \$ | 162,900 | \$ | 210,000 | 77.57\% | 72 | 4/19/2019 | A- |
| 17730241 | 210 | \$ | 123,200 | \$ | 32,200 | \$ | 155,400 | \$ | 227,000 | 68.46\% | 72 | 4/13/2020 | A |
| 17903108 | 210 | \$ | 270,000 | \$ | 46,000 | \$ | 316,000 | \$ | 265,000 | 119.25\% | 72 | 10/16/2020 | A+ |
| 17908020 | 210 | \$ | 70,200 | \$ | 122,600 | \$ | 192,800 | \$ | 269,000 | 71.67\% | 71 | 8/16/2019 | A- |
| 17924030 | 210 | \$ | 144,700 | \$ | 105,800 | \$ | 250,500 | \$ | 270,200 | 92.71\% | 72 | 8/30/2019 | A |
| 17927022 | 210 | \$ | 71,200 | \$ | 35,400 | \$ | 106,600 | \$ | 173,500 | 61.44\% | 71 | 10/31/2019 | F |
| 17930024 | 210 | \$ | 134,100 | \$ | 32,600 | \$ | 166,700 | \$ | 215,000 | 77.53\% | 72 | 1/3/2020 | A |
| 17931051 | 210 | \$ | 101,000 | \$ | 32,200 | \$ | 133,200 | \$ | 143,900 | 92.56\% | 72 | 12/13/2019 | F+ |



| From: | Ludy Kroll |
| :--- | :--- |
| To: | Lohnson, Tom |
| Subject: | <EXTERNAL-SENDER >letter \& photos from 2021 to S Carmichael |
| Date: | Thursday, April 28, 2022 3:58:16 PM |
| Attachments: | 2021 SC KPB.pdf |

CAUTION:This email originated from outside of the KPB system. Please use caution when responding or providing information. Do not click on links or open attachments unless you recognize the sender, know the content is safe and were expecting the communication.

Per your telephonic request yesterday (4/27/22) attached is a copy of the letter and photos sent to Appraiser Carmichael on 4/22/2021, in connection with our previous appeal that year, Since we were outside at the time and could not meet with him personally , he asked if we had any photos of the inside of the properties that we could send to him.

As you will recall when we first spoke with you on April 6, 2022, We offered to forward to you a copy of our letter of $4 / 22 / 21$ to Steve Carmichael along with the 16 photos sent to him. The letter itself describes what each of the photos depict within the 2 structures.

We were under the very distinct impression from our last conversation on 4/19/2022, that you had ALREADY accessed and viewed the enclosed copied photos, (on file with the assessor's office) as well as the Google earth photo showing the relative sizes of structure improvements on parcel 17429115 and of our parcel 17429116 -and as well as the additional photos forwarded to you on 4/18/2022.

When I spoke with you yesterday, you stated that you had been unable to access Steve Carmichael's email file for "legal reasons".

The upshot and result of Mr.Carmichael's inspection and review of the photos was a reduction in proposed tax assessment of $\$ 287,200$ to $\$ 279,900$. This was a reduction from a proposed 3.91\% increase from 2020 to a 1.27\% overall increase in 2021.

Our issue is the evaluation in assessment of structures with our neighbor. Our understanding from our last conversation with you is that our smallest cabin ( 320 sq ft ) is increased by $5 \%$ because of some mysterious "multiplier" and that our larger structure/ "cottage" ( 625 sq ft ) increased by $14 \%$ ! And our neighbor's $11 / 2$ story home only increased by a mere overall $\underline{2 \%}$. The Assessor's use of this magical mystical multiplier results in our immediately adjacent property, a 1 and half story radiantly heated steel home of $2,158 \mathrm{sq}$. ft , including a steel structure of some 2550 square ft being assessed at a mere $0.64 \%$ increase while our structures which combined total 982 square feet - ( less than half the sq. footage of our neighbors) - being assessed at an increase of $3.64 \%$.

Judy Kroll

| Date | Time | Name of Contact | Account \# | Contact \# | Comments / Notes |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 4/19/22 | $\begin{aligned} & 03: 29 \\ & \text { PM } \end{aligned}$ | KROLL, RICHARD \& JUDY | 174-291-16 | $\begin{aligned} & \hline(949) \text { 495- } \\ & 5634 \end{aligned}$ | I CALLED THE KROLLS AND WENT OVER SALES AND THE DIFFERENCE BETWEEN CABIN , COTTAGE AND RES. THE MARKET OR LOC. ADJ. FOR EACH OF THEM. THEY ARE STUCK ON THE FACT THAT THERE NEIGHBORS 1.5 L HOME ONLY WENT UP 0.64\% AND THERES WENT UP 3.64\% I TRIED TO EXPLAIN BUT THEY TOLD ME THATS NOT HOW IT WORKS IN CAL. THEY WILL GO TO THE BOE. |

KENAI PENINSULA BOROUGH ASSESSING DEPARTMENT

59365 EAST END RD

VALUATION RECORD

 | 8 | 8 | 8 |
| :--- | :--- | :--- |
| 0 | 0 | 0 |
| $\infty$ | - | $\infty$ |
| $\infty$ | $\infty$ |  |
|  |  |  |
|  |  |  |



| 2022 Irsn: 60307 |  |  |  |
| :---: | :---: | :---: | :---: |
| PHYSICAL CHARACTERISTICS Style: 11/2LFRAME |  |  |  |
| gccupancy Single Family spory Height: 1.5 |  |  |  |
| Emished Area 1,975 |  |  |  |
| Nutic: None |  |  |  |
| $m_{\text {ROOFING }}$ |  |  |  |
|  |  |  |  |
| Material: Metal |  |  |  |
| Toue: Gable |  |  |  |
| Framing: Std for class |  |  |  |
| Pitch: Medium 5/12 to 8/12 |  |  |  |
| FOUNDATION |  |  |  |
| Footing: Monolithic slab |  |  |  |
| Walls: Monolithic slab-no wall |  |  |  |
| DORMERS |  |  |  |
| None |  |  |  |
| FLOORING |  |  |  |
|  | Slab | Base Allowanc |  |
|  | Plywd sub | Base Allowanc |  |
| EXTERIOR COVER |  |  |  |
|  | Al/St siding |  |  |
| 1.5 Al/St siding |  |  |  |
| INTERIOR WALLS |  |  |  |
| 1.0 Normal for Class |  |  |  |
| 1.5 Normal for Class |  |  |  |
| HEATING AND PLUMBING |  |  |  |
| Primary Heat: Radiant-floor |  |  |  |
|  | .Baths: 00 | Kit sink: | 1 |
|  | .Baths: 39 | Water Htr: |  |
|  | .Baths: 00 | Extra fix: | 0 |
|  | .Baths: 00 | TOTAL fix: | 11 |



NON SALES COMP

|  | PIN | CARD | NEIGHBORHOOD | CABIN TYPE | QUALITY | PERCENTAGE INCREASE |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SUBJECT | 17429116 | R01 | 210 | 72 | F | LM 3 IM 4 TM 4 |
| PROP | 17429116 | R02 | 210 | 71 | F |  |
| $\begin{gathered} \hline \text { COMP } \\ 1 \\ \hline \end{gathered}$ | 17369005 | R02 | 210 | 73 | A+ | LM 3 IM 4 TM 4 |
|  | 17369005 | R03 | 210 | 71 | A- |  |
| $\begin{gathered} \mathrm{COMP} \\ 2 \end{gathered}$ | 17402302 | R01 | 210 | 73 | F+ | LM 3 IM 4 TM 4 |
|  | 17402302 | R02 | 210 | 73 | F+ |  |
| $\begin{gathered} \text { COMP } \\ 3 \end{gathered}$ | 17403002 | R01 | 210 | 71 | F | LM 3 IM 4 TM 4 |
|  | 17403002 | R02 | 210 | 73 | F |  |
|  | 17403002 | R03 | 210 | 73 | F |  |
| $\begin{gathered} \hline \text { COMP } \\ 4 \end{gathered}$ | 17365002 | R01 | 210 | 72 | L | LM 3 IM 4 TM 3 |
|  | 17365002 | R02 | 210 | 73 | F |  |
| $\begin{gathered} \hline \text { COMP } \\ 5 \\ \hline \end{gathered}$ | 17518311 | R01 | 210 | 73 | F | LM 3 IM 3 TM 3 |
|  | 17518311 | R02 | 210 | 71 | A- |  |









## APPEAL YEAR: 2016

Appeal Type/Status
Appraiser
Date Filed

| INFORMAL |  | Appealed Value | Result Value | Difference | \% Chg | Value Change Reason |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| SFORD | $03 / 31 / 2016$ | 210,800 | 210,800 | 0 | $0 \%$ | Informal Adjustment |

Summary: OWNER WANTED EXPLANATION FOR VALUE INCREASE. SOME DAMAGE TO OUTBLGS. APPRAISER REVIEWED NO CHANGES.

| BOE APPEAL BOE - Closed | Appealed Value | Result Value | Difference | \% Chg | Value Change Reason |  |
| :--- | :--- | :--- | ---: | ---: | ---: | ---: |
| SFORD | $04 / 04 / 2016$ | 210,800 | 209,900 | -900 | $0 \%$ | Board of Equalization |
| Summary: |  |  |  |  |  |  |

APPEAL YEAR: 2017
Appeal Type/Status
Appraiser Date Filed

| BOE APPEAL BOE - Closed | Appealed Value | Result Value | Difference | \% Chg | Value Change Reason |
| :--- | ---: | ---: | ---: | ---: | ---: |
| SFORD | $04 / 04 / 2017$ | 278,800 | 260,400 | $-18,400$ | $-7 \%$ |

Summary:

APPEAL YEAR: 2021
Appeal Type/Status
Appraiser
Date Filed

| INFORMAL | Appealed Value | Result Value | Difference | \% Chg | Value Change Reason |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| BANDERSON | $03 / 29 / 2021$ | 287,200 | 287,200 | 0 | $0 \%$ | Informal Adjustment |

Summary: OWNER: COMPARED WITH NEIGHBORS AND BELIEVES THEIRS WAS INCORRECT COMPARED TO THE FORMULA. 2 LOTS. APPR: REVIEWED NEIGHBORING PINS' LAND ATTRIBUTES. COTTAGE CABIN. SALES RATIO. NO CHANGE.

| BOE APPEAL Withdrawn - Formal | Appealed Value | Result Value | Difference | \% Chg | Value Change Reason |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
| SCARMICHAEL | $04 / 06 / 2021$ | 287,200 | 279,900 | $-7,300$ | $-3 \%$ | Informal Adjustment |
| Summary: |  |  |  |  |  |  |

## APPEAL YEAR: 2022

Appeal Type/Status
Appraiser
Date Filed

| BOE APPEAL BOE - Scheduled | Appealed Value | Result Value | Difference | $\%$ Chg | Value Change Reason |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: |
| HWINDSOR | $03 / 31 / 2022$ | 290,100 | 0 | 290,100 | $0 \%$ |

Summary:

## Price per Acre Comparison

A very popular way to compare land values is to do a simple Price per Acre calculation. Simply stated this is the assessed value divided by the acreage. This will work just fine if the properties you are comparing are exactly the same size and have the exact same influences, otherwise you are just comparing apples to oranges.


Below is a sample comparison of 2 parcels that have the same acreage, with different influences.

| 5.0 AC Base | \$ 50,000 | 5.0 AC Base | \$ 50,000 |
| :---: | :---: | :---: | :---: |
| Gravel Maint | \$ | Paved | \$ 5,000 |
| Elec Yes | \$ | Elec Yes | \$ |
| Gas No | \$ $(10,000)$ | Gas Yes | \$ |
| View Limited | \$ 12,000 | View Good | \$ 25,000 |
|  |  | Waterfront Pond | \$ 25,000 |
|  |  |  |  |
| Land Value | \$ 52,000 | Land Value | \$105,000 |
| Price/AC | \$ 10,400 | Price/AC | \$ 21,000 |

Below is a sample comparison of 2 parcels that have the same influences, with different acreages.

| 5.0 AC Base | \$ 50,000 | 10.0 AC Base | \$ 70,000 |
| :---: | :---: | :---: | :---: |
| Paved | \$ 5,000 | Paved | \$ 7,000 |
| Elec Yes | \$ | Elec Yes | \$ |
| Gas Yes | \$ | Gas Yes | \$ |
| View Good | \$ 25,000 | View Good | \$ 35,000 |
| Waterfront Ponc | \$ 25,000 | Waterfront Pond | \$ 35,000 |
|  |  |  |  |
| Land Value | \$105,000 | Land Value | \$147,000 |
| Price/AC | \$ 21,000 | Price/AC | \$ 14,700 |

## Definitions

Assessment progressivity (regressivity). An appraisal bias such that higher value properties are appraised higher (lower) than low-value properties. See also price-related differential.

Coefficient of dispersion (COD). The average deviation of a group of numbers from the median expressed as a percentage of the median. In ratio studies, the average percentage deviation from the median ratio. Acceptable range: Land under 30\%, residential under 20\%.

Coefficient of variation (COV). The standard deviation expressed as a percentage of the mean. Acceptable range: 1.25 of the COD.

Mean: The result of adding all the values of a variable and dividing by the number of values. For example, the arithmetic mean of 3,5 , and 10 is 18 divided by 3 , or 6 . Also called the arithmetic mean.

Median. The midpoint or middle value when a set of values is ranked in order of magnitude; if the number of values is even, the midpoint or average of the two middle values. Acceptable range: $90 \%$ to 110\%

Price-related differential (PRD). The mean divided by the weighted mean. The statistic has a slight bias upward. Price-related differentials above 1.03 tend to indicate assessment regressivity; price-related differentials below 0.98 tend to indicated assessment progressivity. Acceptable range: 0.98 to 1.03.

Progressivity. See assessment progressivity (regressivity)
Regressivity. See assessment progressivity (regressivity)
Standard deviation (St. Dev). The statistical calculated from a set of number by subtracting the mean from each value and squaring the remainders, adding together these squares, dividing by the size of the sample less one, and taking the square root of the result. When the data are normally distributed, one can calculate the percentage of observations within any number of standard deviations of the mean from normal probability table. When the data are not normally distributed, the standard deviation is less meaningful and should be used with caution.

Weighted mean; weighted average (wtd mean). An average in which the observations are weighted based on some criterion. In ratio studies, the weighted mean is a calculated by weighting the ratios based on their sale prices. A shortcut method is to sum the appraisals or assessments, sum of the sales prices, and divided the first result by the second. (International Association of Assessing Officers, 1990)

## References

International Association of Assessing Officers. (1990). Property Appraisal and Assessment Administration. Chicago: International Association of Assessing Officers.

## Influence Definitions

## View

- None: No view other than immediate surroundings, could have a view if trees on adjoining properties were removed.
- Limited: Less than $45^{\circ}$ viewable unobstructed, greater than $45^{\circ}$ view angle with obstructions, mountain top view, view from $2^{\text {nd }}$ story, able to view beyond adjacent lots, overlooking an area that would provide increased viewing opportunities for wildlife (rule of thumb, distance greater than football field).
- Good: $45^{\circ}-90^{\circ}$ view, unobstructed view, at least 1 feature, mountain, river, lake, inlet etc. Able to view beyond adjacent lots. (River, Lake and Inlet frontage property will always have at least a Good or Excellent View)
- Excellent: $90^{\circ}$ or greater view, unobstructed, 2 or more features.


## Street Access

- Paved Access: Paved road \& government maintained.
- Gravel Maintained: Gravel road \& maintained by the borough or another organized entity.
- Gravel Unmaintained: Gravel road but is not maintained by the borough (check Arcmap), could be maintained by the subdivision, HOA or private owner(s).
- Trail: No longer used. If can be driven to year round, use gravel unmaintained, otherwise platted.
- Platted: Road platted but not built.
- Limited/NA: Section line easement. No platted access. To include water, beach only access.


## Utilities

- Gas \& Electric Yes/No: To be considered as having gas \& electric utilities must be at the property, directly across the street from property (not paved), or on the same side of the road and 1 lot away or less than 300 feet away. If street is paved \& influence is across the road, parcel to be marked at not having service available.
- Public/Community Water \& Sewer: Service is provided by municipality or by HOA. City lots are presumed to have this service though certain subdivision do not and need private well/septic influence. If only 1 of the services is available, mark Yes. Add well or septic if necessary for service not available. If street is paved $\&$ influence is across the road, parcel to be marked at not having service available.


## Water Front

- Ocean: Fronts on major body of Saltwater, Cook Inlet, Kachemak Bay, Resurrection Bay.
- River: Fronts on a major navigable river, Kenai River, Kasilof River.
- Lake: Fronts on major lake, big enough to get a float plane on \& off (approx. 3000') Mackey Lake, Longmere Lake, Island Lake.
- Pond/Stream/Canal: Fronts on smaller body of water, may be a fair size, but typically not able to get float plane on/off. Arc Lake, Sport Lake, Echo Lake. Not generally navigable by boat. Funny River, Deep Creek, Anchor River, Swanson River.


## Topo

- Steep: Topography that is greater than usual incline/decline, making access \& building difficult. At least 15 feet in elevation change and no less than $45 \%$ average slope ( 4.5 feet vertical per 10 feet horizontal)
- Ravine: Ravine or swale, a long deep hollow in the surface with wall height of at least 15 feet and average slope of $500 \%$ ( 5 feet vertical per 1 foot horizontal)
- Other: Any additional topographical feature that would have an influence on property, value. Topo features not described in the form.
- Wetlands: Water within 1 foot of the surface is considered wetlands. A Typical indicator of wetlands is scrubby black spruce.
Protective CCR's / HOA: Covenants, Conditions \& Restrictions for individual subdivisions, Homer Owners Association. Check S Drive or Contact title company.
Airstrip: Private dirt/grass/gravel strip, off strip access.
Airstrip Improved: Gravel/ Paved, maintained, lights.
Agriculture Rights: Restrictions on property, limiting use of property or portion of property to agriculture use.
Easement: Description of a typical easements. Such as
Overhead Power Line, Gas Line or other. Typical easements would include utility easements for providing utilities to local subdivision. Usually the front $10^{\prime}-20^{\prime}$ of the property.
Other: Other features not mentioned in form, describe in notes section.

Notes Section: Further description of influences or describe influences not accounted for in input sheet. Example, a Power Line easement running across property. Private Boat launch for subdivision.

## AS 29.45.110. Full and True Value.

(a) The assessor shall assess property at its full and true value as of January 1 of the assessment year, except as provided in this section, AS 29.45.060, and 29.45.230. The full and true value is the estimated price that the property would bring in an open market and under the then prevailing market conditions in a sale between a willing seller and a willing buyer both conversant with the property and with prevailing general price levels.

## BURDEN OF PROOF

The appellant has the burden of proving or providing any information to show that the assessed values are excessive, improper or unequal. The assessor is accorded broad discretion in deciding among the recognized valuation methods. The assessor's choice of one recognized method of valuation over another is simply the exercise of a discretion committed to the assessor by law.
*A borough has discretion to appraise, by whatever recognized method of valuation it chooses, so long as there is no fraud or clear adoption of a fundamentally wrong principle of valuation. Hoblit vs. Greater Anchorage Area Borough, Sup. Ct. Op. No. 636 (File No. 1214), 473 P.2d 630 (Alaska 1970).

The assessing department is concerned not only with market value, but also with equity of assessment, which means: making sure that every property is assessed at the same level as all others with respect to market value. For this reason, the assessor uses a broad scope in its approach to value, using overall trends to value all properties in a given market area. In contrast, a private appraisal is only concerned with estimating the value of a single property.


